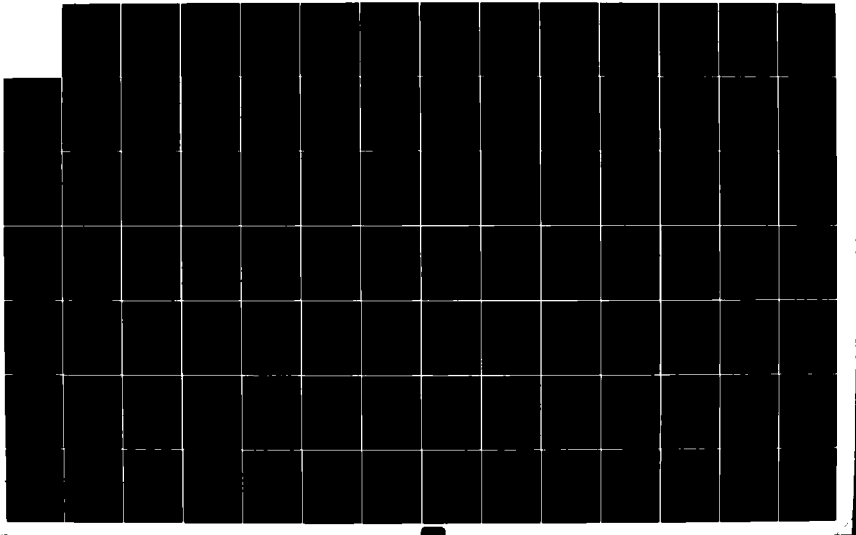
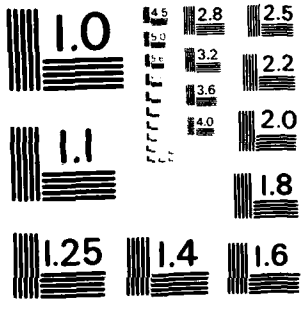
AD-A131 192 CAPE NEWENHAM AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83 1/5

UNCLASSIFIED USAFETAC/DS-83/019 SBI-AD-E850 397 F/G 4/2 NL





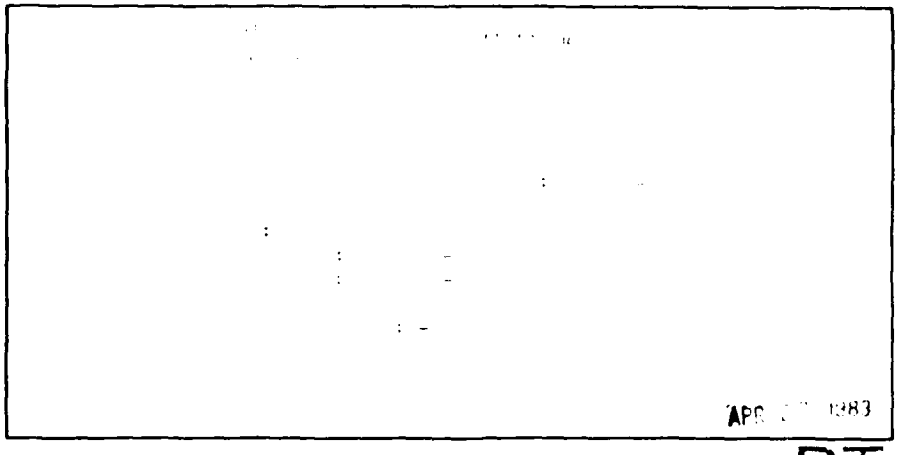
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)



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REPORT DOCUMENTATION PAGE

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18 SUPPLEMENTARY NOTES

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for

CAPE NEWENHAM AFS, ALASKA

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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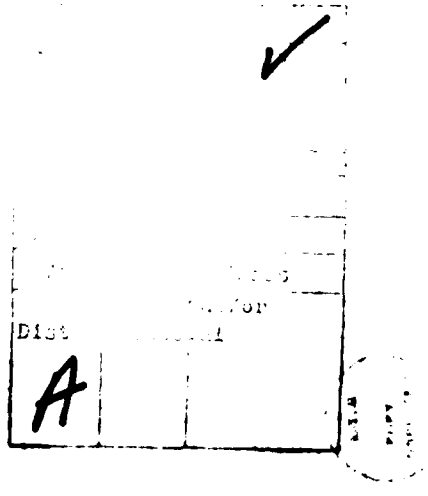
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*ALASKA

*CAPE NEWENHAM AFS
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity ; and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.



The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

DAILY OBSERVATIONS

DESCRIPTION OF SUMMARIES

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX. MIN. & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

MISSING HOUR GROUPS

STATION NO ON SUMMARY	STATION NAME:	LATITUDE:	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
703050	CAPE NEWENHAM ALASKA AFS	N 58 39	W 162 04	541	PAEH	70309

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Cape Newenham Alaska	AFS	Jul 53	Feb 56	N 58 40	W 162 [illegible]	485	543	[illegible]
2	No Change	AFS	Mar 56	Feb 62	No Change	No Change	538	No Chge	[illegible]
3	No Change	AFS	Mar 62	25 Aug 63	N 58 [illegible]	W 162 [illegible]	No Chge	No Chge	[illegible]
4	No Change	AFS	26 Aug 63	May 70	No Change	No Change	552	535	[illegible]
5	Same	AFS	Jun 70	Feb 83	Same	Same	541	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 53 to Feb 56	Located 175 Ft. WNW of Station.	AN/GMQ-1A	None	30 Ft	
2	Mar 56 to Feb 60	Located 325 Ft. NNW of Station.	No Chge	None	No Chge	
3	Mar 60 to Feb 61	Located 2600 Ft. ESE of Station, 500 Ft from touch down point of Rnwy.	AN/GMQ-11	None	13 Ft	
4	Mar 61 to Feb 65	Located 1800 Ft E of Weather Station, 500 Ft. from touch down point of Rnwy.	No Chge	None	No Chge	

USAF ETAC FORM APR 68 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	Mar 65 to 3 May 67	Located 400 Ft left of Rnwy 14 at 600 Ft. Marker	AN/GMQ-11	None	13 Ft	
6	4 May 67 to May 70	No Change	No Chge	RO-2	No Chge	
7	Feb 83	same	Same	Same	Same	

MAC-8 AFB, IL 60-0976

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

ust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

7 [illegible] CAPE NEWENHAM AFS AK 73-87 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH LESS TO VISION	TOTAL NO OF OBS
JAN	00-02		7.1	.1	19.5		25.4	16.0		12.1		25.4	[illegible]
	03-05		7.3	1.1	19.1		25.5	17.9		12.4		27.2	[illegible]
	06-08		6.1	.7	18.3		25.1	18.1		12.4		27.[illegible]	[illegible]
	09-11		6.2	.9	16.7		22.4	18.7		10.5		26.4	[illegible]
	12-14		5.8		19.9		24.2	16.3		10.4		23.6	[illegible]
	15-17		6.9		20.1		25.6	19.9		9.5		26.[illegible]	821
	18-20		8.4		20.2		27.7	21.9		9.5		29.6	[illegible]
	21-23		12.3	.2	22.5		31.9	19.5		7.7		25.1	809
TOTALS			7.7	.4	19.5		26.0	18.5		10.6		26.4	8[illegible]6

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2

WEATHER CONDITIONS

7 3750 CAPE NEWENHAM AFS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH REST TO VIS	TOTAL NO. OF OBS
FEB	00-02		5.4	.5	22.2		27.1	14.8		9.8		22.6	778
	03-05		6.5	.4	22.7		26.9	15.3		12.4		24.4	438
	06-08		6.6	.4	23.2		26.9	14.6		11.3		25.2	823
	09-11		6.2		18.0		21.9	14.3		7.1		19.7	439
	12-14		3.5		16.6		19.7	11.2	.1	6.3		21.7	339
	15-17		4.8		17.0		20.7	13.6		6.5		21.6	415
	18-20		5.7		16.2		19.4	17.6		5.8		21.7	635
	21-23		5.8	.2	19.5		23.6	17.4		6.9		21.6	569
TOTALS			6.1	.2	19.4		23.3	14.9	.0	8.3		21.6	6131

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WEATHER CONDITIONS

7 5050 (STATION) CAPE NEWENHAM AFS AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH RESTRICTION	TOTAL NUMBER OBS
MAR	00-02		5.7	.1	29.0		32.5	23.3		13.2		31.7	873
	03-05		3.4		26.2		26.8	19.0		13.3		2[illegible].6	917
	06-08		3.0		24.2		25.8	21.3		11.3		27.2	916
	09-11		3.8		25.8		28.0	21.3		9.3		27.5	927
	12-14		3.9		28.7		31.5	23.4	.2	13.3		29.7	919
	15-17		3.7	.2	29.0		32.0	23.9	.2	1[illegible].7		[illegible]	927
	18-20		4.5	.1	26.0		29.8	28.0	.2	11.7		33.[illegible]	922
	21-23		5.1	.3	28.5		32.4	28.1		11.2		33.3	941
TOTALS			4.1	.1	27.2		30.1	23.5	.1	11.4		[illegible].[illegible]	7[illegible]5

2

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

7 5050 CAPE NEWENHAM AFS AK 73-82 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH RESTRICTION TO VISION	TOTAL NUMBER OF OBS
APR	00-02		5.2	.7	27.6		34.4	22.1		13.2		33.5	682
	03-05		4.5	.1	24.9		29.2	22.3		9.4		28.2	659
	06-08		5.3	.2	24.9		29.5	26.0		8.3		31.7	689
	09-11		4.7	.1	26.9		30.7	24.2		7.3		27.3	690
	12-14		4.6	.2	21.0		25.9	22.5		5.9		25.7	688
	15-17		6.2		21.5		28.2	21.8		5.5		24.7	681
	18-20		7.0	.1	17.1		25.4	23.7		6.7		27.7	761
	21-23		5.8	.3	24.2		29.1	25.5		8.5		30.4	760
TOTALS			5.4	.2	23.8		28.6	23.5		7.7		27.6	6851

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2

WEATHER CONDITIONS

7 [illegible] CAPE NEWENHAM AFS AK 73-82 MAY
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	03-04		12.6	.1	10.3		21.5	17.2		.6		17.2	554
	05-06		14.1		9.9		21.2	18.7		1.2		19.4	512
	06-08		11.8		11.2		21.3	19.2		2.1		20.2	547
	09-11		12.4		9.7		21.6	18.3		2.4		17.3	517
	12-14		12.6		9.4		20.9	15.6		1.2		16.3	515
	15-17		13.2		8.3		20.9	15.6		1.2		16.4	504
	18-20		13.4		6.7		19.5	15.9		.5		19.9	527
	21-23		14.1	.2	7.4		20.7	16.1		.2		16.2	523
TOTALS			12.7	.0	9.0		21.0	17.1		1.2		17.6	6629

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WEATHER CONDITIONS

[illegible]	CAPE NEWENHAM AFS AK	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH REST TO VISION	TOTAL NUMBER OF OBS
JUN	00-02		25.7	.3	.8		24.9	32.3				32.3	727
	03-05		22.6		.3		22.8	33.8				33.8	797
	06-08		22.6		.7		22.8	31.5				31.5	845
	09-11		21.5		.8		21.9	26.9				26.9	834
	12-14		19.9				19.9	22.0				22.0	749
	15-17	.3	20.1		.1		20.1	20.7				20.7	721
	18-20		23.5				23.5	26.1				26.1	464
	21-23		23.7		.6		24.3	28.5				28.5	536
TOTALS		.0	22.2	.0	.4		22.5	28.0				28.0	5763

2 GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

[illegible] CAPE NEWENHAM AFS AK 73-82 JUL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02		26.6				26.6	35.7				35.7	462
	03-05		27.1				27.1	36.7				36.7	816
	06-08		23.7				23.7	36.3				36.3	821
	09-11		23.8				23.8	34.1				34.1	819
	12-14		22.0				22.0	24.2				24.2	821
	15-17		21.1				21.1	32.3				32.3	564
	18-20		26.3				26.3	36.6				36.6	576
	21-23		27.1				27.1	33.2				33.2	480
TOTALS			24.7				24.7	31.1				31.1	6759

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

[illegible] CAPE NEWENHAM AFS AK 73-87 [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (LST)	THUNDER (T-STM)	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS W TH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		27.5				29.5	31.3				31.3	459
	03-05		35.9				35.9	35.5				35.5	918
	06-08		36.4				36.4	32.0				32.	721
	09-11		31.6				31.6	29.9				29.9	[illegible]
	12-14		26.7				26.7	24.1				24.1	921
	15-17		26.4				26.4	25.9				25.9	875
	18-20		27.7				27.7	27.6				27.6	782
	21-23		29.6				29.6	29.4				29.4	737
TOTAL			29.9				29.9	29.5				29.5	6033

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 3350 CAPE NEWENHAM AFS AK 75-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (L.S.T.)	THUNDER OR LTNG	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH REST TO VISION	TOTAL NUMBER OBS
SEP	00-02		29.9				29.9	16.0				16.0	497
	03-05		30.6				30.6	15.6				15.6	493
	06-08		27.5		.2		27.6	16.8				16.8	494
	09-11		27.7		.3		28.1	16.5	.2			16.5	498
	12-14		25.0		.2		25.3	13.4				13.4	495
	15-17	.1	24.9		.4	.1	25.5	13.4				13.4	501
	18-20		23.9		.1		23.9	14.1				14.1	721
	21-23		25.7				25.7	14.3				14.3	778
TOTALS		.0	26.7		.2	.0	26.8	15.3	.0			15.0	6262

USAFETAC FORM 0-10-5 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

7 [illegible] CAPE NEWENHAM AFS AK 73-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH REDUCED VISIBILITY	TOTAL NO. OF OBS
OCT	00-02		18.8		6.1		26.4	12.9		.6		13.5	[illegible].5
	03-05		19.9		7.0		26.2	12.3		.7		13.[illegible]	[illegible].1
	06-08		22.7		8.9		30.3	13.0		.4		13.2	[illegible].9
	09-11		22.8		8.8	.1	30.0	16.1				16.1	[illegible].7
	12-14		20.8		7.8	.2	27.0	15.6	.2	.1		15.9	[illegible].0
	15-17		21.0		7.0		27.1	15.2		.1		15.3	816
	18-20		19.9		7.7	.1	26.3	15.2		.3		15.2	747
	21-23		21.0	.1	7.5		27.2	15.1		.4		15.5	789
TOTALS			20.9	.0	7.9	.1	27.6	14.5	.0	.3		14.7	6879

USAFETAC FORM JULY 84 0 10 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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WEATHER CONDITIONS

[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH VSBY [illegible]	TOTAL NO. OF OBS
NOV	00-02		10.0	.1	22.1		37.5	18.7		3.9		20.4	979
	03-05		8.7	.3	21.6		29.3	10.9	.1	5.7		21.6	975
	06-08		9.6	.3	22.3		29.5	16.3		5.3		19.9	987
	09-11		9.9	.6	17.4		25.1	14.9		3.7		17.1	965
	12-14		12.3	.2	19.3		29.1	14.1		2.7		15.7	967
	15-17		12.3	.5	18.8		30.5	20.9		3.7	.1	23.4	969
	18-20		12.6		21.4		31.6	22.3		4.4		24.5	732
	21-23		11.6		19.1		29.6	21.1		5.1		23.6	748
TOTALS			10.6	.3	20.2		29.8	18.2	.0	4.3	.0	21.9	8665

USAFETAC FORM [illegible] 0-10-5-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

70350 CAPE NEWENHAM AFS AK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH REST TO VISION	TOTAL NO OF OB
DEC	00-02		5.3	.6	30.5		34.5	18.3		11.6		27.4	605
	03-05		5.7	.4	31.5		35.5	18.6		13.8		29.7	911
	06-08		5.3	1.0	28.3		33.2	19.5		13.8		31.7	911
	09-11		5.1	.7	26.2		29.9	21.5		9.3		28.2	546
	12-14		4.5	.4	25.4		28.6	20.8		6.5		26.7	913
	15-17		5.6		24.3		28.7	21.8		5.9		28.9	798
	18-20		5.6	.2	29.2		33.6	23.2		11.3		31.1	655
	21-23		5.3	.7	26.2		31.4	20.2		10.1		27.0	675
TOTALS			5.3	.5	27.7		31.9	20.5		11.3		28.3	6584

2

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 20N CAPE NEWENHAM AFS AK 73-82 ALL
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HR	THUNDER & LTNG	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH REST.	TOTAL OBS
JAN	ALL		7.7	.4	19.5		26.3	18.5		10.6		31.4	6756
FEB			5.1	.2	19.4		23.3	14.9	.0	5.3		21.6	6131
MAR			4.1	.1	27.2		31.1	23.5	.1	11.4		37.1	7155
APR			5.4	.2	23.8		28.6	23.5		7.7		27.6	6401
MAY			12.7	.0	9.5		21.3	17.1		1.2		17.6	6629
JUN		.0	22.2	.0	.4		22.5	28.0				28.1	6783
JUL			24.7				24.7	31.1				31.1	6759
AUG			29.9				29.9	29.5				29.5	6903
SEP		.0	20.7		.2	.0	26.8	15.0	.0			15.0	6542
OCT			20.9	.0	7.9	.1	27.5	14.5	.0	.3		14.7	6579
NOV			13.5	.3	23.2		29.4	18.2	.0	4.3	.0	20.4	6665
DEC			5.3	.5	27.7		31.9	23.5		10.3		33.3	6668
YEAR		.0	14.6	.1	12.9	.0	26.8	21.2	.0	4.5	.0	24.2	79757

USAFETAC FORM 0-8 0 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
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xxWEATHER CONDITIONSx
xxxxxxxxxxxxxxxxxxxxxxxxxxxx
ATMOSPHERIC PHENOMENA

7 3750 CAPE NEWENHAM AFS AK (STATION NAME) 53-62 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

		THUNDER OR LIGHTNING	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH FROST	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	WIND 25 KTS OR MORE	TOTAL OBS
JAN	DAILY		29.8	3.6	61.9		69.9	56.5		31.0		56.9	864
FEB			17.6	1.5	59.5	.2	66.4	51.4	.7	29.1		47.7	693
MAR			10.7	2.2	65.7		71.5	58.0	.7	32.4		45.7	899
APR			21.3	2.7	66.6	.2	72.3	60.4	.2	25.1		38.1	864
MAY		.1	50.3	.7	35.8		73.2	57.1	.1	3.9		27.7	744
JUN		.1	60.9	.1	4.6		59.9	61.6				21.1	778
JUL		.2	73.3		.1		73.3	62.6	.9			20.4	775
AUG			70.9		.1		82.9	59.7	.4			27.7	794
SEP		.3	52.8	.1	3.7	.5	83.7	46.6				45.6	774
OCT			50.5	.9	44.8	1.1	81.3	46.5	.3	5.2		41.1	791
NOV			40.8	2.4	63.4		79.3	55.3	.2	17.7		59.9	866
DEC			23.7	3.4	68.4		74.2	56.5		33.1		66.8	778
TOTAL		.1	47.3	1.5	39.5	.2	74.5	56.3	.3	14.8		5.5	9612

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] [illegible] STATION [illegible] STATION NAME [illegible] YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	NONE	TRACE	0.01-0.24	0.25-0.49	0.50-0.74	0.75-0.99	1.00-1.24	1.25-1.49	1.50-1.99	2.00-2.49	2.50-2.99	3.00-3.49	3.50-3.99			MEAN	GREATEST	LEAST
NOMINAL	NONE	TRACE	0.01-0.24	0.25-0.49	0.50-0.74	0.75-0.99	1.00-1.24	1.25-1.49	1.50-1.99	2.00-2.49	2.50-2.99	3.00-3.49	3.50-3.99	OVER 3.99				
SNOW FALL	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-72	OVER 72					
JAN	[illegible].1	[illegible].4	4.7	13.5	[illegible]	[illegible].9	4.[illegible]	[illegible].3	.4					[illegible].[illegible]	756	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
FEB	[illegible].7	[illegible].1	6.1	12.6	[illegible].7	6.8	3.[illegible]	1.[illegible]						41.4	7[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]
MAR	[illegible].[illegible]	[illegible].7	7.4	19.9	7.6	7.[illegible]	3.[illegible]	1.5	.7					47.[illegible]	82	1.77	[illegible].[illegible]	[illegible].[illegible]
APR	[illegible].[illegible]	[illegible].[illegible]	7.3	17.1	[illegible].[illegible]	8.7	3.7	1.[illegible]	.4					47.[illegible]	77[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]
MAY	[illegible].[illegible]	[illegible].[illegible]	7.7	11.3	[illegible].5	8.2	4.[illegible]	2.3	.[illegible]					41.[illegible]	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
JUN	[illegible].[illegible]	[illegible].[illegible]	5.6	1[illegible].2	[illegible].1	9.1	6.[illegible]	4.9	1.[illegible]					43.[illegible]	821	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
JUL	[illegible].4	[illegible].[illegible]	5.[illegible]	[illegible].7	7.2	11.3	6.[illegible]	6.7	3.[illegible]					4[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
AUG	[illegible].1	[illegible].[illegible]	4.2	12.9	[illegible].6	[illegible].5	[illegible].[illegible]	[illegible].4	4.[illegible]	.[illegible]				64.[illegible]	8[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
SEP	[illegible].1	13.1	5.[illegible]	13.[illegible]	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	7.6	3.[illegible]					67.[illegible]	784	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
OCT	[illegible].1	[illegible].4	5.3	13.4	[illegible].9	[illegible].[illegible]	[illegible].[illegible]	7.[illegible]	3.[illegible]	.[illegible]				[illegible].4	867	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
NOV	[illegible].4	[illegible].[illegible]	4.7	14.[illegible]	[illegible].4	14.6	7.[illegible]	5.7	1.5					57.[illegible]	794	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
DEC	[illegible].4	[illegible].9	5.1	14.7	[illegible].1	[illegible].[illegible]	5.[illegible]	1.[illegible]	.7					51.[illegible]	823	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
ANNUAL	[illegible].[illegible]	[illegible].5	5.5	13.5	[illegible].1	[illegible].[illegible]	6.4	4.4	1.[illegible]	.[illegible]				[illegible].3	9[illegible]14	.35	-	-

USAFETAC FORM 0-15-5 (OL A) OCT 74 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM JUL 84 0 88 5 (OLA)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 53-62
STATION — STATION NAME — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
PRECIP	NONE	TRACE	.01 .02	.03 .05	.06 .10	.11 .25	.26 .50	.51 .75	.76 1.00	1.01 1.50	1.51 2.00	2.01 2.50	OVER 2.50					
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 8.4	8.5 10.4	10.5 12.4	12.5 14.4	OVER 14.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 72	OVER 72					
JAN	[illegible]	25.7	24.2	13.8	7.1	2.2	1.1	.7	.1	.4				3[illegible]	774	[illegible]	[illegible]	.4
FEB	26.9	25.5	16.3	14.7	3.7	.7	1.[illegible]	.6	.3					7[illegible]	7[illegible]	[illegible]	[illegible]	.4
MAR	[illegible]	27.3	21.9	14.7	7.1	.8	.[illegible]	.8	.4	.3				4[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]
APR	31.9	26.[illegible]	21.7	15.[illegible]	5.2	1.5	.[illegible]	.2	.1					4[illegible]	811	[illegible]	[illegible]	[illegible]
MAY	61.5	18.9	10.5	5.5	1.[illegible]	.7	.	.2						1[illegible]	492	.	[illegible]	[illegible]
JUN	85.3	4.2	.5											.2	622	[illegible]	.2	.1
JUL	89.9	.4													620	TRACE	TRACE	.1
AUG	79.9	.1													620	TRACE	TRACE	.1
SEP	85.7	1.6	.5	.3										.[illegible]	720	.1	1.4	.1
OCT	73.[illegible]	18.[illegible]	10.8	6.7	2.7	1.2	.[illegible]							21.3	856	5.5	[illegible]	[illegible]
NOV	34.5	24.[illegible]	17.2	14.6	4.9	1.5	1.2	.6		.1				4[illegible]	814	1[illegible]	3[illegible]	TRACE
DEC	[illegible]	25.1	[illegible]	15.5	5.2	2.1	.[illegible]	1.3						44.5	871	11.4	27.2	.7
ANNUAL	59.[illegible]	17.3	11.1	8.5	3.2	.9	.6	.4	.1	.1				23.7	[illegible]836	81.3	-	-

USAFETAC FORM 0-15-5 (OL A) OCT 76 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL MONTHS

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM JUL 84 0 88 5 (OLA)

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 53-57 YEARS
STATION — STATION NAME

PRECIP	NONE	TRACE	.01 .02	.03 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES) MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	.1 .4	.5 .9	1.0 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	7.5	7.4	9.9	9.4	1 ..	10.2	15.9	17.2	.7	5.5				65.	856			
FEB	4.1	9.2	1..	9.2	6.3	14.3	23.1	12.4	4.5	1.7	.1			86.7	824			
MAR	1.3	6.6	10.9	6.5	4.8	16.5	21.4	15.9	8.4	3.7	.1			9 .1	876			
APR	5..	6.7	8.9	6.2	1..	14.6	19.3	14.7	12.5	7.1	.2			95.3	864			
MAY	63.3	21.8	12.5	6.5	5..	11.6	6.7	6..	3..	1.9				53.5	899			
JUN	72.7	25.3	.5	.5	.1	.4	.1							1..	855			
JUL	97.5	1..5													899			
AUG	95.3	4.7													927			
SEP	98.9	.3	.9											.9	9..			
OCT	85..	17.3	5.1	3.1	1..	.6	1..	.3						13.7	929			
NOV	79.3	21..	15.4	11.2	7.8	7.1	5.2	2..	.4					49.7	910			
DEC	5.4	1..1	10.4	13.6	13.2	16..	16.7	7.3	1.7	1.1				79.4	924			
ANNUAL	82.2	1..2	7.2	6.5	5.2	6.3	8.9	6.3	2.3	1.5	.1			45.5	11693			

USAFETAC FORM 0-15-5 OCT 79 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM JUL 84 0 88 5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

C

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM 0 88 5 (OLA)

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS AK — STATION NAME — 73-82 — YEARS — JA... — MONTH

ALL WEATHER — CLASS — ...-... — HOURS L.S.T.

CONDITION

SPEED (KNOTS) AND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.3	2.7	.8	1.5	.9					...7	14....
NNE	.7	.4	.8	.6	.1	.1						2.7	9.9
NE	.4	.2	.6									1.2	...5
ENE	.2		.6	.2	.2							1.2	1...6
E	1.4	1.2	1.2	4.1	2....	1.1	.4	.1				11.4	13.3
ESE	.9	....	1.1	5.1	5.2	4.5	2....	1.1				7....6	17.2
SE	.5	....	.2	1.4	2.8	1.6	1.3	.5				8.5	16.9
OSE	1.1	1.4	1.3	2.4	2.1	....	.2					9.4	15.1
S	.2	.4	3.1	1.6	2....	1.1	.1					3	13.9
SSW		.1	.6	.7	.1							1....	11....
SW		.2	.1	.7								...1	10.7
WSW	.2	.1	.7	.4	.1							1.5	9.2
W	.2	.1	.5	.6	.1	.1						1.6	11....
WNW	.1		.2	.9	.7							1.6	12....
NW	.1	.1	.1	.6								.9	9....
NNW	.1		.4	1.3	1.1	.7	.1					5.7	16.6
VARBL													
CALM												1....4	
	5.6	6.7	...2.7	2...3	17....	11.7	4.9	1.6				...0.0	...3

TOTAL NUMBER OF OBSERVATIONS ...80

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — JAN MONTH

ALL WEATHER CLASS

[illegible] HOURS

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	1.0	2.4	.4	2.1	.7					7.8	15.7
NNE	.2	.7	.9	.5		.1	.1					1.5	11.2
NE	.2	.5	.2	.1								1.1	9.4
ENE	1.1	.3	.6		.1							2.1	9.3
E	.8	.7	2.4	4.6	2.0	1.0	.1	.3				11.7	13.3
ESE	.4	.2	1.4	4.5	5.3	3.3	1.8	.7				18.4	14.4
SE	.3	.3	.8	1.3	3.1	2.3	.8	.2				11.1	12.8
SSE	.7	1.2	1.7	2.6	2.3	1.2	.2					9.9	14.1
S	.1	.5	2.3	2.1	1.4	.3						6.9	13.1
SSW	.1	.3	.6	.4	.2	.1						1.9	11.2
SW		.3	.2	1.0	.1							1.6	11.4
WSW		.1	.4	.2	.2							1.0	11.4
W	.1	.2	.4	.3	.2							1.3	10.1
WNW	.1	.2	.3	.3		.1						1.1	9.7
NW	.1	.1	.2	.3		.2						1.0	13.2
NNW	.1	.7	.6	2.6	.9	.6	.2					5.8	14.2
VARBL													
CALM												17.5	
	4.7	7.2	13.9	23.2	16.2	12.4	3.9	1.4				100.1	12.6

TOTAL NUMBER OF OBSERVATIONS 959

[illegible]

L PAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

T 750 CAPE NEWENHAM AFS AK 73-80 JAN
STATION NUMBER STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	1.5	3.1	1.2	1.5	.5					8.6	14.3
NNE	.5	.3	.3			.1	.1					1.4	8.2
NE	.1	.2	.1	.4								.9	9.6
ENE	.2	.4	.3	.2								1.2	8.5
E	.4	1.2	2.4	2.5	1.5	.2	.1					8.8	12.6
ESE	.5	.3	1.1	4.2	5.0	3.7	2.5	.7				19.3	14.3
SE	1.2	1.1	.7	2.1	3.5	3.1	1.3	.1				13.1	13.3
SSE	1.1	1.7	1.2	1.9	1.5	1.2	.3	.1				9.8	12.8
S	.4	1.2	1.0	2.7	1.5	.7	.1					7.4	13.5
SSW		.7	.3	.3	.3	.3						2.0	12.8
SW		.2	.8	.9								2.0	10.1
WSW		.2	.2	.3	.1							.9	10.6
W	.1	.2	.2	.5								1.1	9.7
WNW			.4	.3								.8	10.9
NW		.2	.2	.2	.7							1.7	12.5
NNW		1.2	.4	2.4	.9	1.2						6.1	13.9
VARBL													
CALM												16.2	
	5.2	9.5	12.1	21.9	17.2	12.3	5.2	.9				73.2	12.7

TOTAL NUMBER OF OBSERVATIONS 917

USAFETAC FORM [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-81 (YEARS) — JAN (MONTH)

ALL WEATHER (CLASS) — 0[illegible]-1100 (HOURS [illegible])

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.3	2.8	1.8	1.7	.2					1[illegible].4	14.2
NNE	.2	.8	.4	.5	.2	.2						2.4	11.2
NE	.7	.4	.2	.2								1.[illegible]	8.4
ENE	.8	.7	.3	.2								[illegible].[illegible]	9.3
E	.8	1.1	2.5	3.4	1.2	.5		.1				9.[illegible]	11.8
ESE	.1	.7	1.6	4.9	4.6	3.3	1.4	.9	.1			17.[illegible]	19.[illegible]
SE	.5	1.8	1.1	2.1	2.5	3.3	1.4	.8				13.7	16.2
SSE	1.1	1.3	1.3	2.0	2.8	1.2	.7					9.7	15.[illegible]
S	.5	.8	1.6	2.3	1.3	.5	.1					7.[illegible]	13.[illegible]
SSW		.[illegible]	.3	.9	.5							[illegible].[illegible]	12.9
SW	.4	.1	.3	.4								1.[illegible]	7.9
WSW		.[illegible]	.1	.1	.4							.[illegible]	10.5
W		.[illegible]	.4	.2								.[illegible]	7.4
WNW	.1	.3	.3		.1							.9	8.[illegible]
NW		.1	.1	.7	.4							1.3	14.2
NNW	.2	.4	.9	1.6	.4	.2	.1					3.9	12.7
VARBL													
CALM												15.4	
	5.8	9.9	13.6	22.2	16.4	11.0	3.9	1.7	.1			100.[illegible]	12.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

...L CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 ... CAPE NEWENHAM AFS AK — 73-82 YEARS — JAN MONTH

ALL WEATHER CLASS — ... HOURS L.S.T.

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	2.1	2.9	1.2	2.7						11.1	13.
NNE	.7	.5	.9	.1	.2							2.4	7.
NE	.3	.4	.4	.1								1.3	5.0
ENE	.1	.3	.4	.2								.1	.
E	.4	.9	2.1	3.3	2.2	.4	.1	.2				9.0	11.7
ESE	.1	.2	1.7	3.7	4.9	3.7	1.7	.4	.1			16.7	15.4
SE	1.7	1.7	1.1	1.9	1.9	2.5	1.3	1.2				11.2	10.5
SSE	.7	1.5	1.2	2.6	2.4	1.7	.8					11.1	14.5
S	.7	.3	1.7	3.1	2.4	1.4	.1					9.7	14.9
SSW	.1	.3	.3	.5	.5	.2						2.1	13.6
SW		.2	.2	.3	.1							1.0	10.7
WSW		.2	.4	.1	.2							1.	11.9
W		.4	.2									.7	9.7
WNW	.1	.3	.2									.7	9.3
NW		.1	.2	.5	.1							1.	14.3
NNW		.2	1.2	1.3	1.0	.5						4.4	15.9
VARBL													
CALM												16.1	
	7.1	8.6	14.4	27.7	17.1	12.0	4.2	1.9	.1			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 918

...SAFETAC FORM ...

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] CAPE LEWENHAM AFS AK | 73-82 YEARS | JAN MONTH

ALL WEATHER CLASS | 15 [illegible] HOURS (LST)

CONDITION

DIRECTION (TENTHS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	2.1	2.9	1.9	1.1	.6					.4	12.3
NNE	.5	1.1	.7	.5								.3	8.5
NE	.4	.5	.7									1.3	8.3
ENE	.6	.6	.1	.2								1.5	8.2
E	.3	.5	2.6	3.3	1.4	.7	.5	.1				9.9	14.3
ESE	.2	.6	1.5	3.9	3.7	4.4	1.2	.9	.1			16.4	15.4
SE	.7	.3	.7	2.4	2.2	1.2	1.3	1.1				9.2	15.2
SSE	.5	2.2	.7	2.3	1.3	1.1	.4					8.4	13.1
S	.4	.1	1.3	3.9	2.6	1.5	.4					10.1	12.2
SSW	.3	.2	1.1	.6	.7	.5	.1					3.5	11.9
SW	.1	.2	.1	.4	.1							1.3	9.0
WSW		.4	.2	.1	.4							.1	10.4
W	.4	.2	.4	.4								1.3	7.5
WNW	.4	.2	.4	.2								1.3	7.8
NW		.2	.1	.4	.1							.9	10.4
NNW	.6	.1	1.2	1.3	1.0	1.3	.1					5.5	13.
VARBL													
CALM												14.3	
	5.8	9.	13.8	22.8	15.8	11.7	4.6	2.1	.1			100.1	12.2

TOTAL NUMBER OF OBSERVATIONS 571

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — STATION / STATION NAME

73-75,77-82 — YEARS

JAN — MONTH

ALL WEATHER — CLASS

[illegible]-[illegible] — HOURS (LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	1.6	1.7	2.8	1.1	.9	.2				9.4	15.6
NNE	.5	.5	.8	.3								2.1	9.6
NE		1.3	.5									1.7	6.0
ENE	.8	.3	.8	.3								2.2	5.9
E	.5	1.3	4.2	4.2	.8	.5	.3	.2				11.9	14.0
ESE	.5	.2	1.3	4.8	3.6	5.7	2.2	.9				19.5	14.3
SE	.5	.6	.6	2.5	3.4	1.9	.9	.3	.2			10.9	16.6
SSE	.8	1.4	1.7	2.2	2.5	.8	.6					10.2	13.9
S		.7	2.2	3.6	2.2	.3	.2					9.1	13.7
SSW	.2	.2	.9	1.6	.6							3.4	12.3
SW	.2		.5									.9	6.6
WSW			.2	.3								.5	12.3
W	.3	.3	.5	.5		.2	.2					1.9	11.4
WNW	.2			.2			.2					.5	15.3
NW		.2	.3	.5	.2							1.3	12.1
NNW	.2	.3	.6	1.1	1.1	.2	.3					3.8	15.7
VARBL													
CALM												12.7	
	4.5	9.3	16.4	27.8	17.0	10.2	5.5	1.6	.2			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 94[illegible]

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-74,76-92 (YEARS) — JAN (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.3	.	1.0	2.6	1.9	1.3	.3	.2				8.9	16.4
NNE	.3	1.3	1.0	.3	.2							3.1	9.9
NE	.5	.3	.2	.7								1.1	8.4
ENE	.3	.5	.7	.3	.2							2.3	8.7
E	.8	.2	2.0	4.6	2.3	.3	.5					11.3	13.6
ESE		.3	2.1	6.4	4.9	5.7	1.6	.3				21.5	15.8
SE	.5	.3	.7	1.6	2.0	2.3	1.0	.3				9.2	13.3
SSE	.2	1.0	2.0	2.6	1.3	1.1	.2					8.5	13.2
S	.3	1.1	1.5	3.4	2.1	.7						8.7	12.1
SSW	.2	.5	.5	.7	.2							2.3	9.2
SW	.2	.2	.9	.5								1.9	8.5
WSW	.1	.2	.5	.3								1.3	8.2
W		.1	.5	.3								1.1	9.1
WNW				.5	.2							.7	15.3
NW			.7	.3	.2							1.1	11.9
NNW	.3	.2	.2	.3	.7	.5	.3					2.5	17.4
VARBL													
CALM												14.6	
	.1	.9	14.4	25.3	15.9	12.3	3.9	.8				173.3	14.7

TOTAL NUMBER OF OBSERVATIONS 629

[illegible]

...L CLIMATOLOGY BRANCH
...AFETAC
...ATHER GROUP/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...JAF ...ENHAM AFS AK — 73-82 YEARS — JAN MONTH

ALL WEATHER CLASS — ALL HOURS (L.S.T.)

CONDITION

DIR. FROM	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.6	2.7	1.4	1.7	.5	.2				7.4	15.7
NNE	.5	.6	.7	.3	.1	.1	.2					2.3	9.1
NE	.7	.5	.4	.1								1.3	6.1
ENE	.5	.4	.5	.2	.1							1.7	6.7
E	.7	.3	2.4	3.7	1.7	.7	.2	.1				10.5	13.2
ESE	.4	.5	1.5	4.6	4.8	4.2	1.3	.8	.1			18.5	17.3
SE	.7	.9	.7	1.9	2.7	2.3	1.2	.5	.1			11.0	15.5
SSE	.8	1.4	1.3	2.3	2.2	1.2	.4	.0				9.3	13.6
S	.3	.6	1.2	2.8	1.9	.8	.1					8.2	14.1
SSW	.2	.3	.6	.7	.4	.2	.2					2.2	12.4
SW	.1	.2	.4	.5	.3							1.2	10.1
WSW	.1	.2	.3	.2	.2							1.0	10.6
W	.1	.3	.4	.3	.2	.2	.2					1.2	9.6
WNW	.1	.2	.3	.3	.1	.2	.2					.9	10.2
NW	.2	.2	.3	.4	.2	.2						1.2	12.3
NNW	.2	.4	.7	1.6	.9	.6	.1					4.6	14.5
VARBL													
CALM												1.4	
	5.3	8.5	13.8	27.7	16.5	11.7	4.5	1.5	.1			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 6583

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3302 CAPE NEWENHAM AFS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-2300
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.2	4.8	5.4	2.8	1.2	.3					18.3	12.4
NNE	.2	1.2	1.2	.5								5.1	6.3
NE	.9	.9		.1								1.9	4.3
ENE	.4	.6		.3								1.3	6.2
E	.9	1.2	2.4	2.2	1.2	.5	.3					9.8	11.9
ESE	.2	.3	1.2	3.2	4.2	2.3	.5	.1				12.0	16.2
SE	.1	.5	.4	1.8	2.8	2.2	1.2	.4				9.9	20.4
SSE	.6	1.2	.8	1.9	1.2	1.2	.3					7.5	14.4
S	.4	1.2	.6	2.1	1.2	.4						5.6	13.2
SSW		.4	.2	.2								.9	8.7
SW			.5	.3								.8	10.2
WSW			.2									.5	5.5
W		.2	.6									.9	7.1
WNW		.2	.6	.6								1.5	11.1
NW	.4	.1	.1	.8	.5	.1						2.1	12.3
NNW	.4	.4	1.2	1.2	1.4	.9						5.4	14.4
VARBL													
CALM												10.1	
	5.9	12.7	15.3	27.4	16.8	9.3	3.0	.5				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 778

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 000 CAPE NEWENHAM AFS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0900
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	3.1	4.3	5.2	3.1	1.1	.5					17.3	12.5
NNE	.7	1.3	1.8	.7	.2							4.4	8.1
NE	.1	.7	.5									1.3	5.9
ENE	.6	.7	.4	.1								1.8	6.3
E	.6	1.3	1.4	2.3	1.2	.7	.1	.2				7.4	12.2
ESE	.2	.2	1.2	4.1	2.3	2.7	1.9	.1				12.3	15.6
SE	.3	.5	.5	1.9	2.4	3.2	1.3	.1				9.9	14.8
SSE	.6	.3	.6	1.6	2.2	1.2	.2					7.2	12.5
S	.2	.3	1.2	2.6	1.6	.2						6.7	12.2
SSW	.2	.4	.6	.2								1.4	7.5
SW	.2	.1	.5	.1								1.0	7.1
WSW	.1	.2	.2									.5	5.6
W		.2	.1	.4								.7	9.2
WNW	.2	.1	.4	.6	.1							1.4	10.0
NW			.6	.4	.1	.1						1.2	13.1
NNW	.5	.2	.8	1.6	1.5	1.0						5.6	14.4
VARBL													
CALM												17.1	
	4.8	11.2	15.1	21.6	14.5	11.3	4.2	.5				100.2	11.5

TOTAL NUMBER OF OBSERVATIONS 432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 0350 — STATION
CAPE NEWENHAM AFS AK — STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0600-1800 — HOURS (L.S.T.)
CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	3.6	4.6	2.9	2.5	.4					16.6	13.9
NNE	.2	1.6	1.4	1.1								4.3	8.2
NE	.6	1.3	.1									1.7	3.9
ENE		1.2	.4	.7	.1	.1						2.5	9.6
E	.5	1.3	3.2	2.8	.8	.5						9.1	11.1
ESE	.5	.6	1.1	3.2	3.1	3.6	1.9	.5				14.5	17.3
SE	.5	1.1	.8	1.4	1.8	2.5	1.2	.4				9.7	18.4
SSE	.2	1.4	.8	1.8	1.2	.7	.4					6.6	14.
S	.4	1.7	1.9	3.4	.6	.5		.2				7.9	12.5
SSW	.1		.5	.2	.1							1.	9.5
SW			.4	.1								.5	10.8
WSW	.1	.1	.2	.4								.8	9.1
W		.5	.6	.2								1.3	7.5
WNW	.1		.5	.8	.1							1.5	14.9
NW	.1	.5		.5	.1	.1						1.4	10.2
NNW	.2	.5	1.1	1.6	1.6	.6	.2					5.8	14.5
VARBL													
CALM												14.5	
	4.0	13.1	16.7	22.8	12.5	11.2	4.1	1.1				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — FEB (MONTH)

ALL WEATHER (CLASS) — [illegible]-[illegible] (HOURS LST)

(CONDITION)

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.1	3.[illegible]	5.2	2.6	1.[illegible]	.[illegible]					[illegible].[illegible]	1[illegible].4
NNE	.5	.6	1.[illegible]	.2	.1							2.[illegible]	7.[illegible]
NE	1.1	.7	.1	.4	.1							2.4	[illegible].[illegible]
ENE	1.3	.6	.2	.7	.1							[illegible].[illegible]	[illegible].[illegible]
E	1.[illegible]	1.8	2.7	[illegible].[illegible]	.8	.1	.2					[illegible].7	1[illegible].[illegible]
ESE	.6	1.[illegible]	1.[illegible]	[illegible].6	2.4	[illegible].[illegible]	2.4	.4				1[illegible].[illegible]	1[illegible].7
SE	.7	1.4	.4	1.5	3.1	2.[illegible]	1.4	.2	.2			11.1	1[illegible].4
SSE	.4	1.2	.7	1.5	1.[illegible]	1.[illegible]	.5	.1				[illegible].[illegible]	1[illegible].4
S	.2	.6	1.5	1.7	1.[illegible]	.4						[illegible].4	1[illegible].4
SSW			.6	.4	.1							[illegible].1	11.[illegible]
SW				.2								.[illegible]	14.5
WSW			.1	.1								.2	12.[illegible]
W	.4	.[illegible]	.4	.7								1.[illegible]	[illegible].6
WNW	.2	.2	.4	.7								1.5	9.5
NW		.1	.[illegible]	.4	.1							1.1	1[illegible].[illegible]
NNW	.2	1.1	.6	2.[illegible]	1.[illegible]	1.[illegible]						6.[illegible]	14.5
VARBL													
CALM												14.[illegible]	
	[illegible].3	11.[illegible]	13.[illegible]	27.4	14.3	6.[illegible]	5.2	.7	.2			1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS 639

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3350 CAPE NEWENHAM AFS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 1 [illegible]-14[illegible]
CLASS HOURS (L.S.T.)

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.9	3.6	5.[illegible]	3.7	1.9	.5					[illegible].4	[illegible].[illegible]
NNE	.8	.4	1.0	.5	.2							2.9	7.8
NE	.5	.4	.4	.2	.1							1.5	7.4
ENE	1.[illegible]	.6	.4	.7	.1							3.7	7.1
E	.8	1.9	1.5	3.[illegible]	.8	.2	.1	.1				8.1	11.3
ESE	.4	.4	2.0	3.8	3.0	1.3	1.7	.2				14.4	15.2
SE	.6	.9	.7	1.8	1.1	1.7	1.2	.2	.2			7.9	13.1
SSE	.5	1.1	1.0	1.9	1.7	.9	.5	.4	.1			7.9	12.[illegible]
S	.4	.7	1.4	2.7	1.5	.5						7.3	12.4
SSW			.1	.4								.5	15.5
SW	.1			.2								.4	[illegible].7
WSW			.1	.4	.1							.5	1[illegible].6
W	.1	.4	.7	.5								1.7	9.[illegible]
WNW		.4	.4	.2								1.[illegible]	[illegible].9
NW	.1	.1	.4	.7	.4							1.7	12.[illegible]
NNW	.1	1.3	.5	2.0	2.0	1.0						6.[illegible]	14.3
VARBL													
CALM												15.3	
	6.0	10.6	14.1	24.1	18.8	8.9	3.9	1.0	.4			[illegible]3.[illegible]	11.6

TOTAL NUMBER OF OBSERVATIONS [illegible]79

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — FEB (MONTH)

ALL WEATHER (CLASS) — 1800-1700 (HOURS LST)

CONDITION

DIR \ SPEED (KNOTS)	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	4.3	5.3	3.6	2.?	.4					18.7	13.7
NNE	.7	.7	.6	.2	.1							2.3	7.1
NE	.6	.1	.1	.2								1.1	6.1
ENE	.2	.5	.4	.4		.1						1.7	9.4
E	.3	1.2	2.2	3.6	.7	.9	.1					9.3	12.3
ESE	.4	.2	1.7	4.2	2.7	2.7	.7	.1	.2			13.2	17.8
SE	.6	.5	.1	2.2	1.6	1.2	1.?	.4	.2			8.1	19.2
SSE	.5	.5	1.2	2.2	1.7	1.5	.6					7.3	15.5
S	.5	.7	1.2	2.?	1.?	.7	.1	.1				7.5	13.4
SSW		.2	.1	.1	.2							.7	11.5
SW		.1	.1	.2		.1						.5	12.5
WSW		.?	.2	.4								.9	9.9
W	.1	.1	.5	.7								1.5	13.7
WNW			.?	.4								.9	12.7
NW	.1	.2	.5	.7	.1	.1						1.9	11.1
NNW	.5	.?	.2	2.7	2.1	1.?						7.4	14.6
VARBL													
CALM												16.7	
#													
	5.6	8.8	14.3	25.8	14.?	13.7	3.?	.6	.5			123.3	12.?

TOTAL NUMBER OF OBSERVATIONS 926

USAFETAC FORM [illegible] [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3 5 3 | CAPE NENENHAM AFS AK | 73-82 YEARS | FEB MONTH

ALL WEATHER CLASS | 1200-1800 HOURS L.S.T.

CONDITION

WIND DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.1	5.7	6.2	2.5	1.9						19.0	13.2
NNE	.2	1.4	1.4	.5								3.5	7.7
NE	.6	.6	.3									1.6	4.3
ENE	.2	.5	.3	.3		.2						1.5	8.5
E	.8	1.4	1.6	2.7	.9	.3	.2					7.9	11.9
ESE	.8	.5	2.4	3.2	3.3	2.7	.9		.2			13.9	17.1
SE	.8	.8	1.4	2.5	1.1	2.2	.5	.2				9.5	15.7
SSE	.6	1.3	.8	1.6	2.1	1.7						8.2	14.5
S	.6	.2	1.3	1.9	.9	.8	.2					5.9	13.9
SSW			.6	.8	.2							1.6	11.9
SW			.6	.2	.2							.9	11.2
WSW				.2								.2	14.0
W			.3	.8	.2							1.3	12.0
WNW	.2	.2		.5								.9	9.2
NW		.5		.5	.3							1.3	11.5
NNW	.2	.7	.5	2.1	1.9	.3	.2					5.4	14.8
VARBL													
CALM												16.7	
	5.5	9.6	16.6	25.7	13.6	10.1	1.9	.2	.2			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 634

USAFETAC FORM [illegible] PREVIOUS EDITIONS OBSOLETE AND WILL NOT BE USED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7,3050 STATION — CAPE NEWENHAM AFS AK STATION NAME — 75-82 YEARS — FEB MONTH

ALL WEATHER CLASS — 2100-2300 HOURS L.S.T.

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.3	3.5	6.9	3.2	1.6	.2					18.1	13.2
NNE	1.1	.7	2.3	1.2								5.3	7.9
NE	.7	.2										.9	[illegible]
ENE	.7	.4	.5	.4								1.9	[illegible]
E	.9	.9	1.8	2.5	1.6	.7	.5					8.8	12.3
ESE	.5	.4	1.1	4.4	3.9	3.2	.7	.2				13.7	18.[illegible]
SE	.4	1.2	.5	1.6	2.3	.7	1.1	.2				7.9	16.5
SSE	.7	1.1	1.2	2.5	1.8	.5	.4					8.1	13.3
S	.4	.9	1.9	3.2	1.2	.7						8.3	12.5
SSW		.2		.2								.4	11.2
SW	.2			.4								.5	10.7
WSW		.2										.2	8.0
W				.5								.5	10.7
WNW				.4								.4	12.5
NW	.2			1.2	.2							1.6	12.7
NNW	.2	.4	.7	1.4	.7	.5						3.9	13.7
VARBL													
CALM												19.7	
	6.0	8.6	13.5	26.5	14.8	7.7	2.8	.4				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 559

USAFETAC FORM [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK (STATION NAME) 73-82 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) ALL (HOURS LST)

(CONDITION)

	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.[illegible]	4.0	5.7	3.1	1.7	.4					[illegible]	10.2
NNE	.7	2.[illegible]	1.4	.6	.1							3.7	7.[illegible]
NE	.6	.6	.2	.1	.0							1.5	[illegible]
ENE	.6	.7	.3	.5	.[illegible]	.[illegible]						2.1	7.[illegible]
E	.7	1.5	2.2	2.8	1.1	.5	.2	.[illegible]				9.9	11.9
ESE	.4	.4	1.5	3.7	3.[illegible]	3.1	1.4	.[illegible]	.[illegible]			13.7	13.3
SE	.5	.3	.6	1.8	2.[illegible]	2.[illegible]	1.2	.3	.1			9.3	10.6
SSE	.5	1.[illegible]	.9	1.9	1.8	1.1	.4	.1	.[illegible]			7.6	10.[illegible]
S	.4	.[illegible]	1.4	2.4	1.2	.5	.[illegible]	.[illegible]				[illegible]	10.[illegible]
SSW	.[illegible]	.1	.4	.3	.1							.9	12.2
SW	.1	.[illegible]	.3	.2	.[illegible]	.[illegible]						.8	10.3
WSW	.[illegible]	.1	.2	.2	.[illegible]							.5	9.7
W	.1	.3	.4	.5	.[illegible]							1.3	[illegible].4
WNW	.1	.1	.4	.5	.[illegible]							1.2	1.[illegible].3
NW	.1	.2	.3	.6	.2	.1						1.5	11.6
NNW	.3	.[illegible]	.7	1.8	1.7	.[illegible]	.[illegible]					6.3	14.4
VARIABLE													
CALM												16.4	
	6.6	11.[illegible]	14.9	23.6	18.4	9.8	3.6	.6	.2			[illegible]3.0	11.7

TOTAL NUMBER OF OBSERVATIONS [illegible]5132

(REMARKS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — MAR MONTH

ALL WEATHER CLASS — [illegible] HOURS LST

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	2.4	3.2	1.4	.3						9.5	11.3
NNE	.2	.9	.5	.1		.1						1.8	7.1
NE	.3	.2	.6	.5								1.6	7.6
ENE	.1	.9	.2									1.3	5.7
E	1.4	1.3	2.3	3.2	.9	.5		.3				10.7	11.4
ESE	.1	.6	1.7	4.4	2.9	2.6	1.1	.7				13.5	17.5
SE	.5	.6	1.1	1.9	1.3	1.1	1.5	.6				8.4	15.9
SSE	.9	2.1	1.9	2.2	1.1	1.1	.5	.2	.1			9.1	13.6
S	.1	.6	4.1	4.2	1.3	.7						11.	12.6
SSW	.7	.2	1.6	1.5	.7	.1						4.5	11.3
SW	.3	.5	.5	1.4	.1							2.7	9.6
WSW		.1	.5	.5	.2	.1						1.4	12.3
W	.3	.3	.6	.2	.5	.3						2.4	11.2
WNW		.7	.6	.6	.1	.1						2.1	9.6
NW	.1	.2	.6	.8	.1							1.8	11.6
NNW	.1	.3	1.5	2.2	1.9	.3						6.4	14.1
VARBL													
CALM												11.6	
	5.4	10.9	23.7	26.8	12.5	7.6	3.1	1.4	.1			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 595

USAFETAC [illegible] [illegible]

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — MAR (MONTH)

ALL WEATHER (CLASS) — 300- 02 (HOURS LST)

(CONDITION)

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.7	3.2	2.2	2.4	.4						1 .1	11.9
NNE	.2	.4	.8	.7		.1	.1					2.1	7.9
NE	.1	.4	.2									.8	5.6
ENE	.3	1.1	.8	.2								2.4	6.4
E	.5	1.2	3.4	3.2	1.3	.5						10.1	11.6
ESE	.3	.6	1.3	3.1	3.2	2.7	1.7	.3				13.1	17.9
SE	.5	.3	.5	1.2	1.7	1.2	.5	.7				7.5	18.9
SSE	.4	.8	1.9	2.2	1.7	.8	.1	.1				8.2	15.9
S	.3	1.0	4.5	3.7	2.1	.5	.1					12.2	12.3
SSW	.2	.5	1.4	1.6	.3							4.1	10.4
SW	.1	.2	.4	.9	.4	.1						2.2	12.5
WSW	.2		.3	.4	.2	.1						1.4	12.7
W	.1	.4	.3	.7	.3	.2						2.1	12.3
WNW	.1	.2	.9	.8	.3							2.3	11.2
NW	.2	.5	1.2	.9	.3							3.2	10.4
NNW	.2	.4	1.4	1.5	1.3	.3						5.2	13.4
VARBL													
CALM												13.3	
	4.7	10.6	22.5	22.8	15.8	6.3	2.9	1.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 917

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CAPE NEWENHAM AFS AK — 73-82 (YEARS) — MAR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	2.5	3.0	.5	.5	.1					10.3	11.2
NNE	.4	.5	.5	.1	.1							1.7	9.5
NE	.4	.3	.1	.1								1.0	4.9
ENE	.4	.7	.9	.2	.1							2.3	7.4
E	.8	1.3	3.2	3.0	1.4	.5						10.2	11.5
ESE	.4	.4	1.6	3.7	3.4	1.6	1.3	.4	.1			16.1	17.7
SE	.2	.8	1.3	1.3	2.[illegible]	1.6	.8	.7	.1			8.7	15.8
SSE	.4	1.5	2.5	2.7	2.6	1.[illegible]	.3	.1				11.2	13.6
S	.5	1.[illegible]	2.8	2.7	2.6	.[illegible]	.1					10.7	12.3
SSW		.3	.9	1.[illegible]	.1							2.3	10.3
SW		.5	.7	.4	.1							1.7	9.5
WSW		.[illegible]	.3	.7	.2	.2						2.3	11.8
W		.[illegible]	.5	.8	.1							2.3	9.9
WNW		.3	.2	1.5								2.1	11.4
NW	.1	.4	.7	.5	.3							2.1	10.5
NNW	.3	1.[illegible]	1.2	2.9	1.7	.4						7.6	13.1
VARBL													
CALM												12.9	
	4.4	12.4	19.9	24.8	15.3	6.2	2.6	1.2	.2			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 919

USAFETAC FORM [illegible] OCT 64 [illegible] PREVIOUS FORMS ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 — MAR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0[illegible]-1[illegible]

CLASS — HOURS (L.S.T.)

CONDITION

DIRECTION (TENTHS OF DEGREES)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	2.4	3.6	1.8	.1						9.7	11.7
NNE	.1	1.1	.5	.2								1.9	6.2
NE	.3	1.0	.5	.4	.1							2.4	7.5
ENE	.4	.4	.9	.2	.1	.1						2.2	8.4
E	1.2	.4	2.0	3.9	1.4	.5	.4					10.3	12.5
ESE	.2	.4	1.1	2.9	3.5	1.8	1.3	.5	.2	.1		12.1	19.7
SE	1.6	.3	1.5	1.9	1.6	1.5	.8	.4				9.3	16.5
SSE	.4	1.1	2.2	3.6	1.4	1.9	.3	.1				11.3	14.6
S	.2	1.1	3.7	3.8	1.4	.9	.1					11.1	12.6
SSW	.1	.4	.6	1.2	.1		.1					2.6	10.6
SW		.1	.6	.5	.1							1.4	10.9
WSW	.1	.1	.3	.5	.1	.1						1.3	12.4
W	.2	.2	.6	1.2								2.3	10.0
WNW		.5	.5	1.3		.1						2.5	10.5
NW	.1	.1	.4	.5	.3	.1						2.0	11.2
NNW	.2	.3	1.7	2.6	.9	.3						6.5	12.3
VARBL													
CALM												12.1	
	5.2	10.4	19.2	28.4	12.8	7.6	3.0	1.1	.2	.1		100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 927

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — MAR MONTH

ALL WEATHER CLASS — [illegible]-[illegible] HOURS LST

CONDITION

KTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.8	3.3	3.6	1.5	.5						11.9	1[illegible].6
NNE	.2	.6	.4	.5								1.8	6.8
NE	.6	.4	.2	.2								1.5	[illegible].5
ENE	.4	.6	.4	.6	.2							2.4	[illegible].3
E	.2	.5	2.8	4.4	1.2	.3	.4	.1				9.3	1[illegible].5
ESE	.3	.4	1.4	4.1	2.6	1.7	1.4	1.[illegible]				12.9	1[illegible].6
SE	.1	.4	1.1	2.3	1.7	1.[illegible]	1.3	.3				8.5	1[illegible].7
SSE	.2	1.[illegible]	.9	3.3	1.5	1.1	.3	.1				8.4	1[illegible].2
S	.4	1.[illegible]	3.1	3.6	2.3	.4	.1					11.2	12.6
SSW	.3	.3	.5	.3	.1	.1						1.7	9.4
SW	.4	.4	1.1	.9								2.8	[illegible].2
WSW		.4	.4	.1	.2	.1	.1	.1				1.5	13.9
W	.2	.6	.9	1.1		.1						2.9	9.5
WNW	.2	.1	.6	1.1		.1	.1					2.3	12.2
NW	.1	.5	1.1	.8	.2							2.7	9.9
NNW	.5	.9	1.9	2.9	1.9	.1						8.3	12.1
VARBL													
CALM												11.9	
	5.1	11.3	18.4	29.0	13.5	5.9	3.8	1.6				170.3	11.9

TOTAL NUMBER OF OBSERVATIONS 699

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — MAR MONTH

ALL WEATHER CLASS — 1500-1700 HOURS L.S.T.

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	2.4	5.7	1.1	.6						12.0	11.7
NNE	.5	.3	1.0	.2								2.0	6.7
NE	.2	.2	.3	.1								.8	7.1
ENE	.2	.1	.3	.3	.1							1.1	9.6
E	.5	1.1	1.9	3.2	1.4	.5	.2	.1				9.1	12.3
ESE	.5	.9	.6	3.5	3.0	3.1	1.1	.8				13.5	15.5
SE	.1	.6	1.5	1.6	1.6	1.5	1.5	.4				9.2	14.2
SSE	.3	.3	1.7	3.0	2.4	1.1	.4					9.3	15.4
S	.5	.5	2.7	3.8	1.6	.3	.2					11.1	13.1
SSW		.4	.8	.5	.3							2.1	10.6
SW	.1	.6	.9	.1	.2							1.9	8.6
WSW	.1	.7	.4	.4	.2		.1					1.9	11.7
W	.3	.3	1.2	.6			.2					3.1	9.3
WNW	.2	.8	1.3	.4		.1	.1					2.9	9.5
NW		.3	.8	.9	.6	.3						2.9	13.6
NNW	.6	.4	1.3	3.3	1.1	.3						7.1	12.2
VARBL													
CALM												11.4	
	5.3	9.1	19.1	27.8	13.7	8.4	3.9	1.3				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 0361 CAPE NEWENHAM AFS AK 73-82 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1[illegible]-[illegible]
CLASS HOURS L.S.T.

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	3.4	4.4	1.7	.5						11.7	11.7
NNE		.7	.9	.6	.1							2.3	8.1
NE	.7	.2	.4									1.3	4.6
ENE	.9	1.2	.4	.2	.2							2.9	6.3
E	.9	1.8	2.4	3.0	1.7	.7						10.6	11.6
ESE	.2	.9	1.0	3.2	2.8	1.6	1.9	.4				11.9	16.5
SE	.7	.7	.9	1.3	1.8	1.8	1.3	.1				8.4	16.9
SSE	.2	1.0	1.5	3.3	1.8	1.3	.6					9.7	15.0
S	.2	1.3	2.3	4.4	1.7	1.2	.4					11.5	13.7
SSW		.4	1.0	.9	.2							2.4	11.3
SW		.1	.7	.2	.1							1.2	10.3
WSW		.4	.5	.4		.1						1.3	10.1
W	.6	.4	.7	.7			.1					2.6	8.8
WNW	.2	.6	.5	.9	.1							2.3	9.3
NW	.4	.6	1.0	1.2	.4	.1						3.6	10.4
NNW	.1	1.1	1.7	3.0	1.0	.4						7.3	12.2
VARBL													
CALM												9.7	
	5.6	12.5	19.1	27.7	13.7	7.8	4.7	.5				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 822

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 5 55 — STATION NO. — CAPE NEWENHAM AFS AK — STATION NAME — 73-82 — YEARS — MAR — MONTH

ALL WEATHER — CLASS — 1300-2300 — HOURS (LST)

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	3.2	3.5	1.2	.3						10.0	11.5
NNE		.9	.8	.9								2.7	6.7
NE		.5	.4	.1								1.1	7.5
ENE	.1	.7	.3	.1								1.2	6.2
E	1.1	.9	3.6	1.8	.9	.9	.1					9.3	11.2
ESE	.7	.5	1.6	4.2	3.9	2.2	1.5	.4				15.0	17.5
SE	.8	.7	1.2	1.1	2.5	1.5	.5					7.6	15.6
SSE	.8	1.3	1.9	2.2	2.3	1.5	1.1	.3				11.3	15.4
S	.5	.9	3.1	4.5	1.1	.4	.1					10.7	12.2
SSW	.1	.4	2.3	.8	.1	.1						3.9	10.0
SW			1.3	1.5								2.8	11.1
WSW		.1	.5			.1						.6	10.3
W	.7	.5	.9	.7	.1							3.0	7.5
WNW	.1	.4	.1									.7	6.2
NW	.1	.3	1.2	1.6	.4							3.6	11.6
NNW		1.3	1.5	2.3	.8	.7						6.6	12.1
VARBL													
CALM												9.4	
	5.8	10.8	24.2	25.2	13.0	7.6	3.4	.7				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 741

USAFETAC FORM 0-8 (OL-B4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CAPE NEWENHAM AFS AK — 73-82 YEARS — MAR MONTH

ALL WEATHER CLASS — ALL HOURS LST

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	2.7	3.7	1.4	.4	.2					10.3	11.4
NNE	.2	.7	.7	.3	.1	.1	.1					2.1	7.7
NE	.4	.4	.3	.2	.1							1.3	6.5
ENE	.4	.7	.5	.3	.1							2.0	7.4
E	.8	1.3	2.7	3.1	1.3	.6	.2	.1				9.8	12.1
ESE	.4	.5	1.3	3.6	3.1	2.1	1.4	.5	.2	.2		13.1	16.2
SE	.5	.7	1.1	1.5	1.7	1.4	1.2	.4	.2			8.4	17.9
SSE	.5	1.1	1.7	2.8	1.9	1.2	.4	.1	.1			9.7	14.5
S	.4	1.1	3.3	3.8	1.8	.6	.1					11.1	12.7
SSW	.1	.4	1.1	1.2	.3	.1	.1					2.9	13.5
SW	.1	.3	.8	.7	.1	.1						2.1	12.0
WSW	.1	.2	.4	.4	.2	.1	.1	.1				1.4	14.1
W	.3	.5	.7	.8	.1	.1	.1					2.5	9.8
WNW	.1	.5	.6	.3	.1	.1	.1					2.2	10.4
NW	.1	.4	.9	.9	.3	.1						2.7	11.1
NNW	.3	.9	1.5	2.6	1.3	.4						6.9	12.6
VARBL													
CALM												11.6	
	5.1	11.2	20.3	26.6	13.7	7.1	3.3	1.1	.1	.2		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 7,455

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 0357 CAPE NEWENHAM AFS AK 73-82 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-2300
CLASS HOURS (L.S.T.)

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	2.8	2.2	1.2	.1						9.8	9.5
NNE	.7	1.1	.6			.1						2.5	6.
NE	.5	.2	.2	.1	.1	.2						1.4	10.5
ENE	.6	.7	.2	.5								1.9	8.3
E	1.6	1.7	1.3	2.2	.2	.3						6.3	9.3
ESE	.5	1.2	2.0	1.7	1.9	1.5	.2	.1				9.4	14.2
SE	.9	.8	.9	1.2	1.5	1.2	.2	.2				7.	14.9
SSE	.7	.9	1.1	2.3	1.2	1.1	.5					7.8	14.4
S	.5	1.7	2.3	4.0	1.7	.7	.6					11.7	13.5
SSW	.2	.5	1.5	.9	.1	.1						3.3	10.6
SW	.1	.1	.5	.2		.2						1.1	12.9
WSW	.1	1.3	.6	.5								2.2	7.7
W	.1	.7	.3	.7								2.3	7.9
WNW		.3	1.5	.2	.1							2.2	9.4
NW	.2	1.1	1.4	1.2	.6							4.5	10.1
NNW	1.1	.6	2.3	3.7	.7	.2						8.6	10.7
VARBL													
CALM												19.3	
	8.8	13.3	19.2	21.8	9.4	5.9	1.5	.3				100.	9.3

TOTAL NUMBER OF OBSERVATIONS 682

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3350 — STATION — CAPE NEWENHAM AFS AK — STATION NAME — 73-82 — YEARS — APR — MONTH

ALL WEATHER — CLASS — 0300-1000 — HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.5	2.5	1.4	1.7	.1						9.3	9.1
NNE	.3	.1	.5	.3		.2						1.5	11.2
NE	.3	.5	.3		.1							1.2	10.2
ENE	.7	.6	.7	.1								2.1	8.9
E	1.1	2.8	1.5	1.8	.2	.5						8.1	8.5
ESE	.6	.9	1.8	1.5	2.5	1.1	.6	.2				9.2	13.5
SE	.6	1.7	.8	.9	1.4	.6	.2	.3				6.5	13.6
SSE	.3	1.6	1.4	2.7	1.9	2.3	.2					10.2	14.6
S	.9	1.2	2.1	3.6	1.1	1.3	.3					10.5	12.7
SSW	.1	.7	1.0	1.0			.2					3.1	11.6
SW		.3	.8	.1								1.2	9.1
WSW	.1	.5	.6	.6		.1						1.8	9.6
W		.3	.8	.7								1.8	10.2
WNW	.1	.6	.8	.2								1.7	7.5
NW	.2	.6	1.8	.8	.3	.1						3.9	10.1
NNW	.2	1.4	2.2	3.0	1.7							8.4	11.6
VARBL													
CALM												19.8	
	7.8	15.2	19.4	18.7	11.0	5.9	1.6	.6				100.1	9.3

TOTAL NUMBER OF OBSERVATIONS 981

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0300- 800
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	3.1	2.6	.9	.1						11.0	9.1
NNE	.8	.6	.2			.2	.1					1.9	7.8
NE	.1	.1	.1									.3	5.7
ENE	.6	.6	.3	.3								1.8	6.6
E	1.1	2.5	2.4	1.2	.2	.1	.1					7.6	8.3
ESE	.7	1.2	1.3	3.0	2.2	1.5	.4	.2				10.7	15.1
SE	1.2	1.1	.9	1.7	1.0	1.2	.8		.2			7.9	15.1
SSE	1.2	1.7	1.0	1.7	.7	1.1	.6			.1		7.9	13.4
S	.6	1.3	2.5	2.9	.8	.4	.5					9.1	12.4
SSW	.1	.4	1.1	.6		.1	.1					2.6	11.2
SW		.4	.2	.3								1.0	8.6
WSW	.3	.4	.2	.3								1.3	7.5
W	.6	.3	.9	.8		.1						3.0	8.1
WNW	.1	.6	.9	.1	.2							1.9	6.6
NW	.1	.3	1.3	1.5								3.3	10.9
NNW	.6	1.3	2.6	2.9	.8							8.2	1.7
VARBL													
CALM												10.1	
	9.2	16.0	19.0	20.6	6.9	4.9	2.7	.2	.2	.1		100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 589

USAFETAC FORM [illegible]

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS AK | 73-82 YEARS | APR MONTH

ALL WEATHER CLASS | ...-1100 HOURS L.S.T.

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	3.1	3.6	.9	.2						10.4	7.4
NNE	1.3	.4	.2			.1	.1					2.2	5.7
NE	.3	.2	.5	.4								1.5	5.4
ENE	.3	.1	.1									.5	5.4
E	1.5	.4	2.5	2.5	.6	.2	.1					7.4	7.9
ESE	1.1	.6	1.9	2.9	2.6	1.6	.3	.1				11.1	14.5
SE	.7	.3	.6	2.2	1.7	1.1	.5	.1	.1			7.5	12.4
SSE	.3	.2	.7	1.8	1.0	1.3	.3		.1			5.7	10.4
S	.6	1.5	2.2	1.2	1.1	.5	.4	.1				7.8	12.6
SSW		.7	1.8	.9	.1							3.5	9.7
SW	.1	.2	.5	.3								1.2	8.8
WSW		.4	1.3		.1							1.9	9.5
W	.1	.4	1.2	.4		.1						2.1	9.1
WNW	.2	.3	.8	.2	.1							1.7	8.1
NW	.7	.1	1.1	1.0	.1	.2						3.3	10.3
NNW	1.1	2.2	2.5	4.3	1.2	.2						11.5	10.4
VARBL													
CALM												.2	
	9.9	11.4	21.2	27.9	8.9	5.7	2.1	.3	.2			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 851

USAFETAC FORM ... PREVIOUS EDITION OF THIS FORM ARE ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 5 5 5 | CAPE NEWENHAM AFS AK | 73-82 | APR
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1200-1400
CLASS | HOURS (LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.6	2.6	3.1	1.4	.1						11.6	7.1
NNE	.3	.7	.1	.1			.7					1.7	10.4
NE		.7	.2	.1	.7							1.2	9.7
ENE	.3	.1	.5	.3								1.2	7.5
E	1.2	.8	2.0	1.9	.3	.5	.1					6.9	10.4
ESE	.3	1.1	.9	2.8	2.0	1.9	.2					9.4	15.6
SE		.7	1.7	1.8	1.6	1.1	.5		.1			7.4	16.1
SSE	.1	.2	.9	1.8	1.6	1.9	.2					6.8	17.4
S	.3	1.7	2.3	2.7	1.3	.5	.2	.1				9.9	12.4
SSW	.2	.5	1.7	.7								3.2	8.5
SW	.3	.3	1.0	.5	.1							2.3	8.9
WSW	.1		.3	.3								.8	8.8
W	.2	.7	.8	.8								2.5	8.7
WNW	.2	.7	1.2	.3								2.5	7.9
NW	.9	1.3	1.2	.8	.1	.2	.1					4.4	9.3
NNW	1.7	2.7	3.3	3.3	2.3	.1						12.4	10.3
VARBL													
CALM												17.6	
	9.6	13.3	20.4	21.3	13.5	6.4	1.6	.1	.1			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 387

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	CAPE NEWENHAM AFS AK	73-92	[illegible]

ALL WEATHER
CLASS

[illegible] - [illegible]
HOURS L.S.T.

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.7	2.8	3.9	1.5							11.8	9.5
NNE	.6	.7	.2	.1			.2					1.9	7.3
NE	.3	.3	.2	.2	.1	.1						1.4	7.5
ENE	.2	.1	.3	.1								.5	7.1
E	1.0	.7	1.2	1.3	.3	.5						5.0	10.3
ESE	.3	1.7	2.4	1.9	2.1	2.0	.5					10.3	15.1
SE	.2	.8	1.0	1.5	1.5	1.7						6.2	14.5
SSE	.3	.7	.5	1.7	1.5	2.0						6.3	17.1
S	.1	.5	3.4	3.5	1.2	1.3	.3					10.3	13.6
SSW	.1	1.2	1.4	1.2	.1	.1						4.1	9.4
SW			.5	.5								.9	12.3
WSW		.3	.8	.2								1.4	8.7
W	.1	1.0	.8	.1								2.1	8.5
WNW	.2	1.0	1.4	.5								3.1	7.8
NW	.9	1.0	.9	.8	.7	.2						4.6	7.3
NNW	1.4	2.2	2.9	3.2	1.7	.2	.1					13.6	11.1
VARBL													
CALM												16.7	
	7.9	13.0	20.8	21.7	10.8	7.4	1.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 361

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS, AK — 73-82 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — (1900-2000 LST)

CLASS — HOURS LST

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	.3	1.7	2.1	5.8	1.3							11.2	9.5
NNE	.3	.4	.4	.3		.3						1.7	11.1
NE	.0	.1	.1			.2						1.2	8.4
ENE	.1	.4	.1		.3							.9	8.3
E	1.7	2.3	1.0	1.0		.1						6.1	8.5
ESE	.7	.9	1.2	1.7	1.8	2.7	.5					9.2	15.5
SE	.5	.6	1.4	1.9	1.4	1.3	.1					7.3	14.5
SSE	.3	.3	.7	1.9	2.7	1.7	.4	.1				7.7	17.7
S	.1	.5	2.5	4.7	1.7	1.7	.5					13.2	14.5
SSW	.1	.7	.8	.6								2.2	5.5
SW	.1	.7	1.2	.5	.1							2.9	7.9
WSW		.2	.5									1.0	7.2
W	.3	1.3	.5	.4								2.6	7.3
WNW	.4	1.1	1.3	.1								3.2	6.4
NW	.6	.5	1.0	1.4	.5	.1						4.2	10.1
NNW	1.0	1.4	1.4	4.7	1.7	.5	.1					11.1	12.2
VARBL													
CALM												17.2	
	9.3	13.6	16.3	23.9	11.1	6.9	1.8	.1				100.3	9.3

TOTAL NUMBER OF OBSERVATIONS 791

FORM 0-84 (PREVIOUS EDITIONS OBSOLETE)

DL SAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK | 73,75-82 YEARS | APR MONTH

ALL WEATHER CLASS | [illegible] HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.1	2.7	3.5	1.7							12.1	7.5
NNE	.6	1.3	.8	.1		.1						2.3	6.2
NE	.5	.7	.1	.1	.1	.3						1.7	9.7
ENE	.1	.5	.1	.3	.1							1.3	8.1
E	1.8	2.2	.8	.9	.1							5.8	8.4
ESE	.8	1.2	1.9	1.5	1.7	2.3	.3					9.4	14.8
SE	.4	.5	.9	1.2	1.7	1.4	.1	.4				6.2	16.8
SSE	1.2	1.2	.9	2.7	2.8	1.4	.3	.3				11.8	15.2
S	1.2	1.2	1.5	2.3	1.7	.9	.5					10.1	13.3
SSW	.3	.6	.3	.9	.1							2.2	9.7
SW	.4	.3	.8	.2	.1							1.8	8.4
WSW	.5	.4	.3	.1								1.3	5.2
W	.4	1.3	.4	.5								2.6	7.3
WNW	.3	.6	1.7	.3								3.1	7.3
NW	.8	.3	.6	.6	.5	.1						2.8	11.3
NNW	.4	1.3	2.4	4.2	1.3	.4						10.5	11.5
VARBL													
CALM												16.3	
	11.2	16.0	15.8	20.5	11.5	6.9	1.2	.6				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 79[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70350	CAPE NEWENHAM AFS AK	73-82	APR
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS L.S.T.

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.[illegible]	2.7	3.0	1.3	.1						10.9	9.4
NNE	.5	.6	.3	.1		.1	.1					1.9	7.5
NE	.4	.3	.2	.1	.1	.1						1.2	8.4
ENE	.4	.4	.3	.2	.0							1.3	6.9
E	1.4	1.6	1.6	1.6	.3	.3	.0					6.7	8.8
ESE	.5	1.0	1.7	2.2	2.1	1.7	.4	.1				9.8	15.0
SE	.3	.9	1.0	1.5	1.3	1.1	.4	.1	.1			7.0	15.2
SSE	.5	.8	.8	2.1	1.6	1.5	.3	.1	.0	.0		7.8	15.6
S	.5	1.2	2.4	3.1	1.2	.8	.4	.0				9.7	13.1
SSW	.1	.6	1.2	.9	.1	.1	.1					3.[illegible]	9.8
SW	.1	.2	.7	.3	.1	.1						1.5	9.6
WSW	.1	.5	.6	.3	.1	.1						1.5	8.0
W	.2	.6	.7	.6		.0						2.1	8.0
WNW	.2	.7	1.2	.2	.1							2.4	7.8
NW	.5	.6	1.2	1.0	.4	.1	.0					3.9	10.1
NNW	.9	1.6	2.4	3.9	1.4	.2	.0					10.5	11.0
VARBL													
CALM												15.5	
	9.1	14.[illegible]	19.1	21.2	10.0	6.2	1.7	.3	.1	.0		100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 685

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 5027	CAPE NEWENHAM AFS AK	73-82	MAY
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		0[illegible]-[illegible]
	CLASS		HOURS L.S.T.

CONDITION

KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.5	.5	.2	.1							2.[illegible]	5.[illegible]
NNE	.2	.1	.1									.[illegible]	[illegible]
NE	.5	.2	.4									1.1	5.2
ENE	.4	1.4	.7	.1								2.5	6.1
E	2.1	3.2	1.3	.9	.1	.1						8.1	7.1
ESE	1.2	2.9	5.6	3.6	1.6	.3						15.2	10.1
SE	1.3	1.3	2.6	1.8	1.2	.7						8.3	7.9
SSE	1.5	2.5	3.2	2.8	1.1	.4	.1					11.5	7.8
S	1.1	1.6	3.8	2.9	.5							10.[illegible]	7.4
SSW		.4	.6	.1								1.1	7.7
SW	.1	.2	.1									.[illegible]	5.[illegible]
WSW	.1	.5	.5	.2								1.3	7.6
W	.5	.6	1.1	.2								2.5	6.8
WNW	.2	.3	.8	.2								1.1	6.8
NW	.4	.7	1.1	.8	.6							3.5	10.3
NNW	.5	1.1	1.2	2.[illegible]	.5	.1						5.4	10.1
VARBL													
CALM												24.[illegible]	
	11.3	18.1	29.3	16.1	5.7	1.4	.1					[illegible]	6.6

TOTAL NUMBER OF OBSERVATIONS 653

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3050 CAPE NEWENHAM AFS AK 73-82 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

WIND DIRECTION (TO)	WIND SPEED (KNOTS) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.6	.2	.3							2.7	7.5
NNE	.2	.2										.4	3.0
NE	.5	.4	.7									1.6	5.6
ENE	.4	.9	.4	.1								1.7	5.7
E	2.1	2.5	3.5	2.0	.8	.1						11.0	8.3
ESE	1.5	1.8	4.6	4.1	.7	1.3						13.7	10.3
SE	1.1	1.4	2.2	3.4	1.2	.1						9.4	11.1
SSE	.9	2.5	3.7	2.5	.9	.4						11.0	10.7
S	.7	2.0	2.5	1.6	.7	.1						7.7	9.5
SSW	.3	.3	.4	.1	.1							1.3	7.1
SW	.1											.1	3.7
WSW		.3	.1									.4	6.7
W	.3	1.7	1.9	.5								3.7	8.1
WNW	.2	1.2	.3	.3								2.1	6.7
NW	.3	.8	1.4	1.1	.2	.1						3.9	9.6
NNW	.4	.8	1.1	2.0	.8	.1						5.2	11.2
VARBL													
CALM												23.5	
	9.8	17.1	23.8	18.0	5.6	2.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — MAY (MONTH)

ALL WEATHER (CLASS) — 0600-0800 (HOURS L.S.T.)

(CONDITION)

SPEED (KNOTS) OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.5	1.2	.4							4.[illegible]	[illegible].5
NNE	.4	.7	.1									1.2	4.5
NE	.2	.4	.1									.8	4.[illegible]
ENE	1.[illegible]	1.2	.7	.1								2.9	4.[illegible]
E	1.5	3.7	3.3	1.5	.3							10.5	7.[illegible]
ESE	.7	1.7	4.1	4.4	1.6	1.1	.1					13.7	12.1
SE	.8	1.[illegible]	2.3	2.5	1.4	1.[illegible]	.2					9.7	12.6
SSE	.7	1.3	2.5	2.1	1.[illegible]	.4	.4					8.4	11.8
S	.2	2.1	2.8	2.1	.4							7.6	9.6
SSW	.4	.4	.1									1.[illegible]	3.[illegible]
SW		.2	.3									.[illegible]	7.4
WSW	.2	.4	.7									1.3	6.3
W	.5	.8	1.4	.4								3.2	7.2
WNW	.3	.9	.7	.4								2.3	7.[illegible]
NW	.3	1.1	1.[illegible]	1.[illegible]	.2							3.6	9.[illegible]
NNW	.2	1.7	1.4	2.2	.9	.1						5.9	10.6
VARBL													
CALM												23.3	
	8.8	18.3	22.0	17.9	6.2	2.6	.8					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 917

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]-1[illegible]

CLASS HOURS L.S.T.

CONDITION

WIND DIR	SPEED (KNOTS) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.3	1.5	1.3	.1							5.7	7.5
NNE	.7	.3										1.[illegible]	2.[illegible]
NE	.3	.7	.5									1.[illegible]	5.4
ENE	.3	.3	1.1	.4								[illegible].[illegible]	8.[illegible]
E	.9	1.2	4.1	2.7	1.0	.1						1[illegible].[illegible]	9.9
ESE	.2	2.7	3.7	4.6	1.6	1.2	.1					14.2	12.1
SE	.1	1.1	3.1	3.4	1.5	.5	.1					9.8	12.6
SSE	.5	.5	2.1	3.7	.7	.5	.3					8.8	12.7
S	.5	1.7	1.7	2.1	.5	.1						7.[illegible]	9.[illegible]
SSW	.2	.5	.7	.7	.1							2.2	8.5
SW	.1	.2	.2	.1								.7	7.[illegible]
WSW		.[illegible]	.2									.3	5.9
W	.3	.5	.9	.3								2.1	7.1
WNW	1.2	.7	1.4	.4								3.7	6.1
NW	.9	1.4	1.1	1.7	.3							5.5	5.4
NNW	1.2	3.1	1.2	1.6	.1							7.2	7.1
VARBL													
CALM												17.9	
	9.2	17.1	23.6	23.1	6.9	2.5	.5					10[illegible].[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 916

USAFETAC FORM [illegible] [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 12[illegible]-1400

CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.6	.7	1.7								[illegible].3	[illegible].6
NNE	.7	.4										1.1	3.[illegible]
NE	.8	.5	.4									1.7	[illegible].1
ENE	.1	.4	1.5	.3								2.4	[illegible].3
E	.9	.8	2.8	1.6	.5	.4						7.1	9.9
ESE	.3	1.6	3.5	4.6	2.1	.5	.5					12.3	12.4
SE	.3	1.3	5.1	3.5	1.4	.2	.2					11.1	11.5
SSE	.3	.7	3.3	3.7	.4	.2	.2					8.3	11.5
S	.3	1.3	3.2	1.2	.4	.1						6.7	10.3
SSW	.1	.2	.8	1.0	.1							2.7	8.4
SW			.3									.3	7.3
WSW		.3	.3									.7	7.5
W	.2	.2	.9	.3								1.3	7.3
WNW	.8	1.2	1.3	.4								3.7	8.4
NW	1.3	1.8	1.8	.3	.1							5.2	8.2
NNW	1.9	3.3	2.2	1.7	.5							9.6	7.5
VARBL													
CALM												13.8	
	10.3	17.2	28.1	22.5	5.7	1.5	1.[illegible]					100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 91[illegible]

USAFETAC FORM [illegible] [illegible] PREV. EDITIONS OF THIS FORM ARE [illegible]

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — MAY (MONTH)

ALL WEATHER (CLASS) — [illegible]-1700 (HOURS LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	.5	.6								5.9	5.1
NNE	.3	.9	.1									1.4	4.7
NE	.3	.6	.1									1.0	4.3
ENE		.7	.9									1.6	6.9
E	.8	.8	2.4	1.0	.8	.3	.1					6.4	10.5
ESE	.1	1.5	3.5	3.1	1.5	.7						10.3	12.0
SE	.5	1.2	4.6	3.4	.7	.2	.1					10.7	11.1
SSE	.3	1.2	3.6	5.2	.7	.2	.2					11.3	11.5
S	.1	2.4	3.4	3.0	.5	.1						9.5	10.3
SSW	.1	.7	.5	.3		.1						1.4	9.7
SW	.1	.5	.5	.1								1.2	7.2
WSW		.7	.1	.3								.7	9.3
W	.1	1.7	2.2	.5								3.8	8.1
WNW		.7	.9	.6								2.2	8.5
NW	.6	2.5	.8	.9	.1							5.2	6.5
NNW	2.8	3.2	2.3	2.4	.5							11.8	7.2
VARBL													
CALM												15.3	
	8.3	21.9	26.5	21.6	4.3	2.1	.5					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 552

USAFETAC FORM [illegible] PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 335 | CAPE NEWENHAM AFS AK | 73-82 YEARS | APR MONTH

ALL WEATHER CLASS | 1600-1800 HOURS LST

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.0	.5		.2							5.9	4.4
NNE	.8	.3		.2								1.3	4.1
NE	.8	.8	.3									1.9	4.5
ENE	.8	.5	.8									1.9	5.2
E	.8	2.2	2.8	2.9	.5	.2						9.4	9.0
ESE	.3	2.2	5.4	3.2	1.2	.5	.2					12.9	11.1
SE	.3	1.1	3.7	2.4	.8	.2						8.5	10.2
SSE		1.5	3.7	2.7	.3	.2						8.5	11.4
S	.8	2.4	3.2	1.9	.3							8.5	8.5
SSW	.2	.8	.2	.2								1.4	5.7
SW		.5	.2									.8	5.5
WSW	.2	.3	.3									.8	5.8
W	.5	1.3	1.3									3.2	5.3
WNW	.8	1.6	.5									2.9	5.1
NW	.2	1.2	.8	.8								2.7	8.6
NNW	1.6	1.3	1.6	2.2	.3							7.5	6.8
VARBL													
CALM												22.1	
	9.2	23.9	24.9	16.9	3.3	1.2	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 622

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK 73,75-82 MAY
STATION NUMBER STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.6	.2									.6	3.7
NNE	.5	.7	.5									1.1	5.1
NE	.2	.6	.5									1.4	5.4
ENE	1.6	1.7	.2									3.7	5.3
E	1.1	3.5	1.6	1.3	.5	.2						8.2	7.5
ESE	1.1	3.2	5.8	4.3	.6	.2						14.9	9.3
SE	1.7	1.5	2.1	2.4	.8	.5						9.3	10.5
SSE	1.1	2.4	4.3	2.6	1.7	.7						11.6	9.3
S	.2	2.2	3.0	2.7	.7	.2						7.3	9.2
SSW	.7	.3		.2								.3	6.0
SW	.3	.7	.3									.3	5.2
WSW			.5									.3	5.7
W	.5	.5	.8	.2								1.7	6.7
WNW	.8	.6	.3									1.6	4.6
NW	.5	1.8	1.7	.8	.5							4.5	6.1
NNW	.8	.8	.5	.2								4.5	3.5
VARBL													
CALM												26.5	
	11.1	19.7	21.7	15.4	3.5	1.1						[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 623

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — STATION / STATION NAME

73-82 — YEARS

MAY — MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

COLLECTIVE FREQUENCY (%) FOR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	.7	.7	.3							4.4	5.4
NNE	.5	.4	.1	.0								1.0	3.9
NE	.5	.5	.4									1.4	5.1
ENE	.5	.8	.9	.2								2.3	5.7
E	1.3	2.2	2.8	1.7	.8	.2	.1					8.3	8.3
ESE	.7	2.2	4.5	4.0	1.3	.8	.1					13.5	11.3
SE	.7	1.3	3.2	2.9	1.2	.4	.1					9.7	11.3
SSE	.7	1.6	3.2	3.2	.8	.3	.2					11.3	12.9
S	.5	2.1	2.9	2.4	.5	.1						8.4	9.6
SSW	.2	.5	.4	.3	.0	.0						1.5	8.0
SW	.1	.1	.2	.0								.6	6.6
WSW	.1	.3	.3	.1								.8	7.1
W	.4	.3	1.3	.3								2.8	7.3
WNW	.5	1.1	.8	.3								2.6	6.4
NW	.8	1.4	1.1	1.0	.3	.1						4.3	8.2
NNW	1.2	2.0	1.5	2.1	.5	.1						7.2	8.6
VARBL													
CALM												9.6	
	9.7	18.6	24.3	19.3	5.2	1.9	.4					100.3	7.4

TOTAL NUMBER OF OBSERVATIONS 5625

USAFETAC FORM 0-8 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK | 73-82 YEARS | JUN MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.1	.6	.1								1.4	5.6
NNE	.4											.4	2.5
NE	.7	.3										1.0	2.4
ENE	.8	.4										1.2	3.1
E	1.9	1.5	.6	.1	.1							4.3	4.9
ESE	1.1	1.3	1.4	.7	.4	.3						4.8	8.7
SE	.7	2.5	1.2	1.9	.7	.4	.1					7.6	10.3
SSE	2.2	2.9	3.2	2.8	1.1	.4						12.5	9.4
S	2.3	3.4	3.6	3.2	1.7	.1						14.3	9.4
SSW	.7	.7	1.8	2.1								5.2	9.1
SW	.1	.6	.6	.7								1.9	5.9
WSW	.1	.4	1.2	.6								2.3	5.9
W	.7	1.5	.4	.7								3.3	6.4
WNW	1.1	.8	1.4	.3								3.6	6.3
NW	1.0	.6	1.9	.4								3.9	6.9
NNW	1.2	1.7	.7	.3	.1							3.3	6.2
VARBL													
CALM												28.7	
	16.0	17.6	13.5	13.8	4.1	1.2	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 726

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]	CAPE NEWENHAM AFS AK	73-82	JUN
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		0300-1500
	CLASS		HOURS (LST)

CONDITION

WIND DIR \ SPEED (KNOTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	.3		.4							.J	5.4
NNE	.4	.3	.3									.7	4.1
NE		.1										.1	[illegible]
ENE	.5	.3	.1									.9	3.5
E	1.3	1.4	1.3	.3	.1							4.3	[illegible]
ESE	1.1	1.4	2.1	.5	.4		.1					5.3	5.4
SE	.9	1.9	1.7	1.6	1.3	.7	.1					7.2	[illegible]
SSE	2.3	2.3	3.6	2.6	.8							11.5	5.4
S	1.8	3.5	4.0	4.3	1.1	.3						14.9	6.5
SSW	.3	1.3	1.9	1.1	.1							4.8	5.7
SW	.3	.9	.5	.3								1.9	5.5
WSW		.4	.6	.6								1.5	7.7
W	.5	1.1	1.1	.4								3.3	6.3
WNW	1.5	.9	1.9	.3								4.5	6.1
NW	.3	1.3	2.8	.3								4.5	7.4
NNW	2.0		2.0	.6	.3							4.9	7.4
VARBL													
CALM												27.2	
	13.9	17.3	23.5	12.9	4.4	.5	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — STATION / STATION NAME
73-82 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0600-0900 — HOURS (LST)
CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.9	.6	.4								3.5	4.5
NNE	.2	.5										.5	3.7
NE	.4	.4	.1									.8	3.4
ENE	.1	.2	.5									.5	6.7
E	.4	2.8	2.2	.5								5.9	6.7
ESE	.2	1.7	1.2	.9	.1		.1					4.3	5.1
SE	.4	.7	1.1	2.7	2.1	.4	.1					7.5	14.1
SSE	.5	1.9	2.8	2.2	.4	.1						7.9	9.7
S	.9	3.2	4.0	3.2	1.3	.6						13.3	13.2
SSW		.7	2.6	1.8	.1							5.2	9.7
SW	.1	.2	.4	.5								1.2	9.5
WSW	.2	.4	.8	.6								2.0	8.5
W	.5	.8	1.7	1.3								4.4	8.4
WNW	.6	1.8	2.2	.1								4.7	6.5
NW	.9	1.9	1.7	.4								4.9	6.2
NNW	1.8	1.2	2.2	1.7	.4							7.2	8.2
VARBL													
CALM												25.3	
	9.2	19.4	24.1	16.2	4.4	1.1	.2					100.3	6.6

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — JUN (MONTH)

ALL WEATHER (CLASS) — [illegible]-1100 (HOURS L.S.T.)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.8	1.1	.6	.2							[illegible]	[illegible]
NNE	.7	1.2	.1									[illegible]	4.2
NE	.5	.2	.1									.8	[illegible]
ENE	.1	.4	.6	.1								1.2	7.3
E		.3	1.9	1.1								3.7	[illegible]
ESE	.1	.6	1.8	1.5	.7	.7	.1					5.2	12.7
SE		.3	2.6	1.9	.5	.4	.2					6.4	11.3
SSE	.1	1.5	3.0	2.8	1.4	.2						9.4	11.4
S	1.2	3.1	3.5	4.4	1.5	.5	.1					14.4	10.9
SSW	.7	1.2	1.6	1.3	.1							4.9	8.3
SW	.1	.4	.7	.7								1.9	[illegible]
WSW	.1	.7	1.2	.2								2.2	7.7
W	.9	.7	2.2	.2								4.1	6.7
WNW	.8	1.3	2.3	.6								5.3	7.3
NW	1.8	3.5	2.0	.7								8.1	5.9
NNW	2.7	4.1	1.5	.8	.2							9.3	5.9
VARBL													
CALM												12.3	
	15.6	23.8	26.2	17.1	4.7	1.4	.5					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 554

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72300	CAPE NEWENHAM AFS AK	73-82	JUN
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		1200-1400
	CLASS		HOURS (L S T)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.2	1.2	.2								7.3	4.7
NNE	.2	.7	.6									1.5	5.7
NE	.2		.1									.4	4.7
ENE		.4	.6	.1								1.1	7.3
E		.5	.7	.7	.1							2.1	10.1
ESE		1.2	2.1	1.5	.6	.4	.1					5.9	11.5
SE	.1	1.6	2.7	2.2	.9	.9	.5					8.2	13.5
SSE	.5	1.3	2.9	3.2	1.1	.5	.1					9.6	11.5
S	.5	1.8	4.9	5.9	1.6	.4						15.3	11.3
SSW	.1	1.5	1.8	.6	.4							4.4	8.9
SW	.4	.9	.6	.1								2.3	5.9
WSW	.2	.6	1.6	.5								2.9	8.2
W	.6	1.3	2.2	.7								4.5	7.8
WNW	.7	2.4	2.6	.7								6.5	7.3
NW	1.7	3.1	2.9	1.0								8.7	6.4
NNW	2.6	5.4	2.8	1.2	.4							12.3	6.5
VARBL													
CALM												7.6	
	10.6	24.9	30.4	18.7	5.3	2.1	.7					100.3	8.2

TOTAL NUMBER OF OBSERVATIONS 819

USAFETAC FORM JUL 68 2845 OLD A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.1	.8									6.7	4.1
NNE	.6	1.0	.1									1.7	4.3
NE	.3	.3	.4									1.0	5.9
ENE		.1	.4									.5	7.5
E	.3	.3	1.2	.7								2.5	8.8
ESE	.1	.3	1.7	2.5	.1		.1					4.9	11.5
SE	.5	.8	1.3	1.8	.8	.1	.3	.1				5.1	12.4
SSE	.1	2.5	2.8	3.1	2.1	.4	.1	.1				11.4	12.5
S	.6	2.9	5.3	4.5	1.1							14.3	10.1
SSW	.4	.8	1.9	1.0	.1							4.3	5.6
SW	.5	.5	.7	.3								2.1	6.3
WSW	.1	1.0	1.1	1.0								3.2	5.6
W	.3	.9	1.9	.8								3.9	6.3
WNW	.8	1.5	2.9	.8								6.1	7.5
NW	1.5	3.1	2.9	2.5	.3							10.5	7.7
NNW	2.5	5.1	2.9	.8								11.4	5.9
VARBL													
CALM												6.4	
	13.3	24.2	26.7	19.9	4.6	.6	.5	.3				100.1	7.6

TOTAL NUMBER OF OBSERVATIONS 772

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK | 75-82 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | [illegible] (HOURS LST)

CONDITION

DIR / SPD	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	.4									5.6	5.6
NNE	1.1	.5	.2									1.8	5.5
NE		.9	.2									1.1	5.2
ENE	.2	.4	.4									1.1	6.3
E	.6	.4	.9	.2								2.2	5.3
ESE		.6	.6	1.7	.2							3.2	10.5
SE	.4	1.5	1.7	2.2	.4	.4						6.7	10.3
SSE	.4	2.4	3.2	3.2	2.8	.6		.4				13.1	12.8
S	1.5	5.2	4.3	3.7	1.9	.2	.2					17.2	9.9
SSW	.9	1.9	1.5	1.3	.2							5.8	7.9
SW	.2	1.1	1.1	.6								3.0	7.2
WSW	.2		2.2	.2								2.6	8.1
W		1.7	1.3	.9								4.1	6.1
WNW	.6	1.9	2.2	1.5								6.2	7.9
NW	1.1	2.6	2.2	.9								5.7	6.6
NNW	3.4	2.2	1.7	.4								7.8	5.1
VARBL													
CALM												11.9	
	13.6	26.1	24.1	16.8	5.6	1.3	.2	.4				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 464

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3057 — STATION
CAPE NEWENHAM AFS AK — STATION NAME
75-82 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (LST)
CONDITION

DIRECTION FROM WHICH WIND BLOWS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.2	.2									1.5	3.4
NNE	.5	.4										.7	3.4
NE	.4											.4	1.5
ENE	.4	.4										.7	3.3
E	.5	.2	.9	.4	.2							2.2	6.0
ESE	1.1	.9	1.7	.9	.6							5.2	5.3
SE	1.1	1.3	1.1	1.7	.9	.2						6.3	7.6
SSE	2.1	3.4	2.6	3.4	1.9	.9						14.2	10.1
S	2.8	3.4	3.2	3.9	1.7		.4					15.3	7.4
SSW	.2	1.3	2.6	1.3	.2							5.6	7.1
SW	.8	.9	1.3	.7								3.5	7.3
WSW	.7	.4	.9	.4								1.9	7.9
W	.7	1.1	1.1	.7								3.7	7.5
WNW	.7	2.2	1.7	.2								4.9	5.9
NW	2.2	1.5	2.6	.2	.4							6.9	6.5
NNW		1.1	1.3	.4								2.8	8.1
VARBL													
CALM												23.9	
	14.7	18.7	21.3	14.2	5.8	1.1	.4					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 536

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3057	CAPE NEWENHAM AFS AK	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | ALL (HOURS LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.7	.7	.2	.1							4.8	4.6
NNE	.5	.6	.2									1.3	4.2
NE	.3	.2	.1									.7	4.1
ENE	.3	.3	.3	.7								1.7	5.4
E	.6	1.1	1.3	.5	.1							3.5	7.2
ESE	.5	1.7	1.6	1.3	.4	.1	.1					5.3	10.2
SE	.5	1.3	1.6	2.0	1.0	.4	.2	.0				7.3	11.5
SSE	1.3	2.2	3.0	2.9	1.3	.4	.3	.1				10.9	10.6
S	1.4	3.7	4.1	4.2	1.5	.3	.1					14.7	10.2
SSW	.4	1.1	2.0	1.3	.2							4.9	8.5
SW	.3	.6	.7	.5								2.1	7.6
WSW	.2	.5	1.2	.5								2.3	8.4
W	.6	1.1	1.5	.7								3.9	7.5
WNW	.9	1.6	2.2	.5								5.2	6.9
NW	1.3	2.2	2.4	.8	.1							6.8	6.7
NNW	2.0	2.6	1.9	.8	.2							7.6	6.5
VARBL													
CALM												18.4	
	12.8	21.4	24.8	16.2	4.7	1.2	.4	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5761

...AL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 ... CAPE NENENHAM AFS AK 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 0...-...
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.2	.1								1.7	4.6
NNE	.3	.6	.2									1.2	4.5
NE	.2	.2	.1									.5	3.5
ENE	.5	1.2	.1									1.7	4.3
E	1.4	.9	1.4	.3								4.1	5.3
ESE	.6	.9	1.6	1.5	.7	.3	.2					5.7	12.7
SE	.9	1.5	2.7	2.1	.7	.3						8.2	10.3
SSE	.6	1.5	2.4	2.3	1.3	.5	.1					8.7	11.3
S	1.2	1.7	3.5	4.5	1.3	.6						12.7	11.7
SSW	.6	1.2	1.5	.8	.1							4.2	8.1
SW	.7	.5	1.5	.7								3.4	7.8
WSW	.2	.5	1.4	.7								2.8	8.8
W	1.2	.5	2.6	.6	.1							5.3	7.3
WNW	.8	.9	1.3	1.6								4.6	8.2
NW	1.3	1.3	.7	.6								3.4	6.3
NNW	.7	.2	1.2	.2								2.2	6.5
VARBL													
CALM												29.5	
	11.6	14.5	22.3	15.9	3.9	2.3	.3					100.3	5.3

TOTAL NUMBER OF OBSERVATIONS 862

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3900 — STATION
CAPE NEWENHAM AFS AK — STATION NAME
73-82 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0700-0900 — HOURS (LST)
CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.4	.3								1.5	6.7
NNE	.4	.1										.5	2.3
NE	.1	.3	.2									.7	5.0
ENE	.4	.4	.3									1.2	4.5
E	1.1	1.7	1.6	.3		.4	.1					5.3	5.1
ESE	.7	1.7	2.7	1.0	.3	.5	.1					6.0	10.7
SE	.8	1.3	1.3	2.5	.8	.1						7.1	10.4
SSE	2.0	1.7	1.3	2.8	1.4	.7						9.9	10.4
S	.9	2.5	4.5	4.1	.9							12.4	7.9
SSW	.4	1.2	1.7	1.5	.1							5.0	8.8
SW	.3	.7	1.0	1.0								2.9	8.5
WSW	.3	.7	1.1	.4								2.5	8.1
W	.4	2.3	2.2	.5	.1							5.2	7.2
WNW	.7	2.1	2.0	.7								5.3	6.9
NW	.2	1.7	1.2	.4								4.1	5.2
NNW	.7	.7	.4									1.7	5.1
VARBL													
CALM												27.7	
	10.5	19.4	27.9	15.7	3.6	1.7	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1616

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-1800

CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	.3	.2								3.7	4.5
NNE	.7	.3	.1									1.1	3.5
NE	.1	.5	.1									.3	4.3
ENE	.3	.2	.3	.1	.1							1.1	7.4
E	.8	2.3	1.1	.4	.3	.1						5.3	7.7
ESE	.4	1.1	1.4	1.4	.5	.5						5.5	11.5
SE	.4	.7	1.8	2.1	.8	.2						6.2	11.3
SSE	.7	1.4	2.1	1.7	1.1	.7	.1					7.7	11.3
S	1.1	1.8	4.7	4.6	1.1	.1						13.4	10.3
SSW	.3	1.4	1.3	.7	.3							3.8	8.3
SW	1.3	.7	1.3	.4		.1						3.5	7.2
WSW	.7	1.3	.9	.4	.1							3.4	6.7
W	1.3	.8	2.2	1.2								5.1	7.7
WNW	1.1	1.4	1.7	.8								5.3	5.6
NW	1.1	2.3	1.3	.2								4.9	5.5
NNW	1.1	1.5	1.8	.2								4.7	5.9
VARBL													
CALM												24.9	
	12.7	19.4	22.1	14.4	4.6	1.7	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — STATION / STATION NAME

73-82 — YEARS

JUL — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (LST)

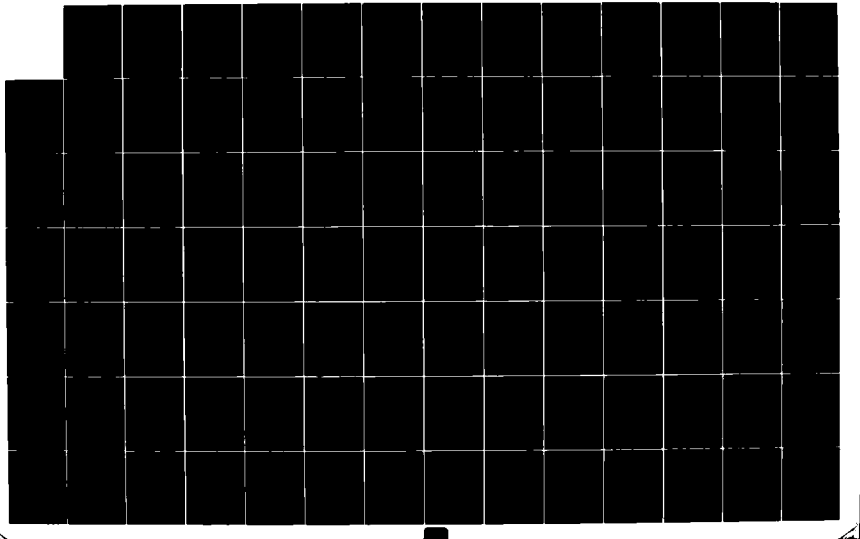
CONDITION

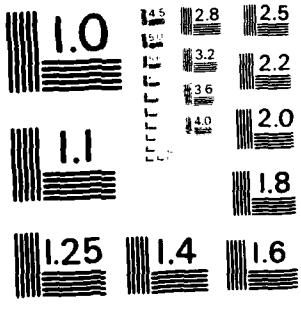
KNOTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	2.6	1.3	.1								7.7	4.3
NNE	.3	1.0										1.3	3.3
NE	.2	.9	.3									1.4	5.5
ENE	.3	.4	.8	.2	.1							1.9	7.9
E		.5	1.1	1.0	.5							3.0	10.5
ESE		.9	1.9	2.0	.9	.9						5.4	13.3
SE	.5	.7	1.7	2.6	1.3	.4						7.3	12.3
SSE	.2	1.1	2.3	1.6	1.0	.9	.2					7.3	12.8
S	1.2	2.2	4.8	4.8	1.1	.5						14.4	10.8
SSW	.2	1.2	1.1	2.2	.1							4.3	10.0
SW	.3	.9	.5	.8	.1							2.5	8.2
WSW	.3	.4	.3	.3								1.4	7.3
W	.4	1.9	1.1	1.4								4.5	8.2
WNW	.7	1.2	2.5	.9								5.2	7.8
NW	2.3	3.1	2.2	.9								8.4	5.9
NNW	3.9	3.7	1.0	.3								8.9	4.9
VARBL													
CALM												13.3	
	14.5	22.4	22.9	19.1	4.9	2.7	.2					100.[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]

AD-A131 192 CAPE NEWENHAM AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83

UNCLASSIFIED USAFETAC/DS-83/019 SBI-AD-E850 397 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — JUL MONTH

ALL WEATHER CLASS — [illegible]-[illegible] HOURS LST

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	4.[illegible]	.4	.3								[illegible].9	[illegible]
NNE	.5	1.2										[illegible].7	[illegible]
NE	.4	.3	.1	.1								1.[illegible]	4.[illegible]
ENE			.1	.5			.2					.[illegible]	14.4
E		.4	1.[illegible]	.8	.3	.[illegible]						[illegible].4	11.[illegible]
ESE	.1	1.[illegible]	.8	[illegible].[illegible]	1.1	.[illegible]	.1					6.[illegible]	12.[illegible]
SE		1.[illegible]	2.[illegible]	2.7	.4	.[illegible]	.2					[illegible].[illegible]	12.3
SSE	.1	1.[illegible]	3.2	2.5	1.5	.4	.4					[illegible].1	12.9
S	.5	2.2	3.[illegible]	5.4	2.1	.[illegible]		.1				[illegible].4	11.8
SSW	.1	1.3	1.2	1.[illegible]	.2							4.7	[illegible].7
SW	.1	1.[illegible]	.4	.2								1.7	8.4
WSW	.1	.[illegible]	.9	.2								1.[illegible]	7.2
W	.3	1.5	2.4	1.0								[illegible].2	7.9
WNW	1.4	1.2	3.0	1.4								7.1	7.8
NW	2.5	3.5	2.4	1.[illegible]								[illegible].3	[illegible]
NNW	2.4	3.5	2.3	.7								[illegible].9	[illegible]
VARBL													
CALM												0.6	
	13.2	24.5	24.8	22.7	5.7	1.6	.9	.1				[illegible]0.[illegible]	8.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 7 0 0 7 | CAPE NEWENHAM AFS AK | 73-82 YEARS | JUL MONTH

ALL WEATHER CLASS | 1500-1700 HOURS L.S.T.

CONDITION

(TO) WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.1	.6	.1								7.3	4.1
NNE	.6	1.3										1.9	4.3
NE	.1	.3	.1		.1	.1						.8	9.9
ENE	.2	.1	.8	.2	.1							1.5	8.5
E	.2	.5	.6	.5								1.7	8.1
ESE		.7	1.4	3.2	.8	.2						6.1	12.8
SE	.2	.7	2.8	2.3	1.5	.2						7.4	12.3
SSE	.2	1.5	2.4	2.5	.2	.8						7.3	11.2
S		2.3	5.3	5.6	1.4	.7						15.4	11.3
SSW	.1	.9	1.2	2.1	.3							4.5	10.5
SW		.7	.6	.9								2.2	8.9
WSW		.5	1.3	.6	.1							2.3	9.3
W	.5	1.7	2.2	.9								5.1	7.4
WNW	1.2	2.4	3.3	1.6								8.2	7.5
NW	2.7	3.4	4.1	1.4	.3							11.9	6.9
NNW	2.4	4.5	1.2	.6								8.7	5.1
VARBL													
CALM												7.2	
	13.8	25.6	36.5	22.0	5.0	2.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 883

USAFETAC FORM 0-1 64 (OLD) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — JUL (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	.4		.1							4.0	4.7
NNE	1.2	1.2										2.4	3.5
NE	.7	.5										1.2	3.1
ENE	.1	.6	.3									1.0	5.4
E	.4	.4	.9	.6								2.2	8.7
ESE	.1	.3	1.9	1.9								4.3	10.7
SE		.9	4.1	2.4	1.1	.7						9.2	12.1
SSE	.3	1.1	2.2	1.8	1.1	.5						7.0	11.9
S	.3	2.7	5.3	5.8	1.6	.4						16.1	11.1
SSW	.4	.7	4.1	1.1	.7							7.1	9.5
SW			.6	1.5								2.1	11.3
WSW	.1	.4	.7	.9								2.2	9.4
W		1.3	1.6	1.3	.1							5.2	8.4
WNW	.4	1.5	2.4	1.5	.1							5.9	8.6
NW	1.9	2.5	2.5	.7								7.7	6.4
NNW	2.7	2.4	1.3	.7								7.1	5.4
VARBL													
CALM												15.7	
	10.1	19.1	28.4	20.1	4.9	1.8						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 676

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK | 74-82 YEARS | JUL MONTH

ALL WEATHER CLASS | 1100-1300 HOURS L.S.T.

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2		.1								.1	4.5
NNE	.2	.3	.2									.7	4.4
NE	.7	.5	.2									1.5	4.1
ENE	.5	.7	.6									1.2	5.4
E	.4	.7	.8	.1								2.1	5.6
ESE	.4	1.2	2.8	1.8	.6	.1						6.5	10.3
SE	.7	1.9	2.9	2.1	.6		.1					8.2	9.7
SSE	.1	1.5	3.7	2.8	1.7	1.3						11.5	12.6
S	.6	2.1	4.4	4.2	1.2	1.2						13.2	11.1
SSW	.4	.7	.9	1.3	.1							3.5	7.3
SW	.2	.7	2.1	1.5								4.3	7.4
WSW	.3	.4	.4	.7								1.9	8.2
W	.9	.6	1.2	.6								3.2	7.2
WNW	.4	1.2	1.6	.9								4.3	7.4
NW	1.8	1.6	1.2	.9								5.3	5.9
NNW	.4	1.2	.3	.7								2.8	6.8
VARBL													
CALM												8.2	
	9.2	15.9	22.9	17.6	3.7	2.5	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6[illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	.5	.2	.1							4.1	4.4
NNE	.5	.7	.1									1.3	3.7
NE	.3	.5	.2	.1	.1	.1						1.3	5.1
ENE	.3	.4	.4	.1	.1		.1					1.3	7.1
E	.5	1.2	1.1	.5	.1	.1	.1					3.4	8.7
ESE	.3	1.1	1.7	2.1	.7	.4	.1					6.4	11.1
SE	.5	1.1	2.4	2.3	.9	.3	.1					7.5	11.3
SSE	.6	1.3	2.4	2.2	1.1	.7	.1					8.5	11.9
S	.7	2.7	4.4	5.0	1.3	.4		.1				14.1	10.9
SSW	.4	1.1	1.5	1.5	.3							4.7	9.3
SW	.4	.6	1.2	.8	.2	.1						2.8	8.4
WSW	.3	.8	.9	.5	.2							2.8	8.1
W	.6	1.4	1.9	.9	.2							4.9	7.6
WNW	.5	1.5	2.2	1.2	.3							5.7	7.8
NW	1.7	2.4	1.9	.8	.3							6.9	6.7
NNW	1.8	2.3	1.2	.4								5.7	5.3
VARBL													
CALM												19.3	
	11.8	20.3	23.7	18.4	4.5	2.2	.3	.1				100.3	7.2

TOTAL NUMBER OF OBSERVATIONS 9756

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CAPE [illegible]ENHAM AFS AK | 73-82 YEARS | [illegible] MONTH

ALL WEATHER CLASS

[illegible] HOURS [illegible]

CONDITION

	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	.5	.7	.9	.5		.2						2.7	6.2
NNE	.5	.7	.1									.5	5.7
NE	.3	.2										.5	3.4
ENE	.2	.9	.3	.2								1.7	5.1
E	.9	2.1	1.3	.3	.2							4.3	5.4
ESE	.7	2.5	1.7	.8	.5	.5						5.4	9.7
SE	1.9	1.8	1.9	2.8	.9	.7	.2					10.2	11.2
SSE	.8	2.1	1.7	4.5	1.2	.2	.2					7.9	11.7
S	1.0	3.3	3.3	4.3	.9	.7						13.3	7.9
SSW	.7	1.5	2.9	1.0	.3							6.5	5.7
SW	.5	.3	.3	1.0	.5							2.7	10.4
WSW	.8	.9	1.3	1.4								4.1	8.5
W	.8	.7	1.6	.7	.1							4.0	8.7
WNW	.2	.3	1.4	.5								2.4	8.3
NW	.2	1.2	1.5	.8								3.6	8.7
NNW	.8	.9	1.3	1.7	.2	.2						4.3	9.6
VARBL													
CALM												2.5	
	19.1	18.6	20.7	19.9	5.7	2.3	.5					100.1	7.3

TOTAL NUMBER OF OBSERVATIONS 859

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NENENHAM AFS AK 73-82 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	1.4	.4	.2	.1						3.4	5.8
NNE	.5	.7	.1									1.3	4.2
NE	.2	.3										.7	3.4
ENE	.2	1.1	.2									1.5	4.5
E	.8	1.9	1.4	.2								4.2	5.3
ESE	1.1	1.1	1.0	1.7	.5	.1	.2					5.3	10.3
SE	.8	2.3	.9	3.2	1.4	1.3	.5					10.3	13.1
SSE	1.3	2.2	2.2	3.4	1.5	.7	.2					11.5	11.5
S	1.1	2.4	4.1	2.9	.9							11.4	9.4
SSW	.7	1.3	1.7	1.9	.1							5.7	9.2
SW	.2	.5	1.4	1.0	.2							3.4	10.1
WSW	.2	.7	1.5	1.7	.1							3.7	8.9
W	1.1	1.5	2.0	1.6	.1							6.3	8.2
WNW	.3	.5	.5	.7								2.1	7.8
NW	.1	1.0	1.7	.2								3.1	7.6
NNW	.2	.8	1.5	.9	.1	.7						3.7	9.8
VARBL													
CALM												21.9	
	9.5	19.1	21.8	17.1	5.2	2.5	1.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 918

USAFETAC FORM [illegible] [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — AU (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS L.S.T.)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.4	.3	.1	.3						[illegible]	[illegible]
NNE	.4	1.4	.3									2.2	[illegible]
NE	.9	.3										1.2	[illegible]
ENE	.3	.5	.3									1.2	[illegible]
E	.9	1.0	.9	.3								3.7	[illegible]
ESE	.7	1.3	1.5	2.7	1.0		.1					7.3	[illegible]
SE	1.2	1.7	2.4	3.3	1.8	.5	.2	.2				11.5	12.5
SSE	1.2	1.1	3.1	2.2	1.4	.7						9.7	11.1
S	2.4	2.7	3.9	3.4	1.0							12.6	8.9
SSW	.5	1.1	1.8	1.0	.3							4.8	8.8
SW	.5	1.0	1.2	.2	.1	.1						3.1	7.5
WSW	.2	.5	1.8	1.0								3.6	9.3
W	.3	1.3	2.1	1.8								5.5	[illegible]
WNW	.3	.7	1.0	.7								2.6	7.8
NW	.3	1.0	1.5	.9								3.7	[illegible]
NNW	.5	.8	1.0	.7		.2						3.1	8.4
VARBL													
CALM												11.3	
	11.2	16.5	24.3	18.3	5.8	2.1	.3	.2				[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — STATION NAME — 73-82 YEARS — [illegible] MONTH

ALL WEATHER — CLASS — [illegible] HOURS (LST)

CONDITION

WIND SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.0	2.2	.3	.2	.3						9.1	6.9
NNE	1.3	.7	.3									2.5	3.7
NE	.4	.4	.1									1.0	3.7
ENE	.3	.3	.4									1.1	5.3
E	.1	1.0	1.6	.7								3.4	8.2
ESE	.2	.3	2.0	2.5	.9	.1						5.1	12.4
SE	.2	.7	2.5	2.7	1.2	.2	.3					8.6	13.5
SSE	.5	1.1	3.6	3.7	1.5	.5						11.7	12.3
S	1.1	2.7	5.2	3.8	1.3	.2						14.7	9.6
SSW	.2	1.1	2.1	1.6								5.0	9.7
SW		1.1	.8	.5	.2							2.6	7.3
WSW	.2	.3	1.3	1.3	.1							3.3	10.3
W	.4	.2	2.1	2.5								5.9	9.7
WNW	.5	.7	1.6	.3								3.2	7.1
NW	1.4	1.1	1.5	.9								5.2	6.8
NNW	2.6	1.4	1.3	.7	.1							5.5	5.5
VARBL													
CALM												12.7	
	12.7	17.2	28.6	21.0	5.5	2.3	.3					100.1	8.1

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7[illegible]050	CAPE NEWENHAM AFS AK	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	4.7	1.7	.4	.1	.1						11.4	5.1
NNE	1.5	1.4	.3									3.3	4.1
NE	.2	.2										.4	3.5
ENE	.1	.1	.3									.5	5.6
E		.2	1.1	.5								1.8	9.5
ESE	.1	.9	2.5	2.5	.9	.4						7.3	12.1
SE	.3	.5	2.4	3.9	1.4	.4	.2					9.2	13.3
SSE	.3	1.3	2.4	4.0	1.4	.4	.1					10.7	12.3
S	.3	2.4	4.5	4.5	1.7	.4						13.8	11.3
SSW	.5	1.0	2.2	1.3	.3	.1						5.4	7.9
SW		.7	1.0	1.3								2.9	10.1
WSW		.2	1.5	.8	.1							2.6	10.5
W	.5	.3	2.3	2.1								5.2	9.5
WNW	.4	1.1	2.0	1.3	.3							5.1	9.1
NW	1.0	1.1	1.4	1.5	.1							5.1	7.9
NNW	3.7	4.1	1.7	.9	.2	.1						10.7	5.9
VARBL													
CALM												5.1	
	13.5	20.2	27.3	25.0	6.6	2.1	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...RAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 5002 — STATION
CAPE NEWENHAM AFS AK — STATION NAME
73-82 — YEARS
A... — MONTH
ALL WEATHER — CLASS
...-17... — HOURS L.S.T.
CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	3.9	1.4	.5	.1	.2	.2					...1	5.8
NNE	1.7	1.0	.1									...9	3.4
NE	.2	.2										.5	4.3
ENE		.2	.3									.6	6.7
E	.2	.6	.5	.6	.1							1.9	5.3
ESE			1.3	1.7	1.4	.3						4.7	14.3
SE	.3	1.2	2.2	3.7	.5	1.7	.2					9.8	14.7
SSE	.5	1.5	3.4	3.7	1.5	.8						11.4	11.8
S	.1	1.7	4.8	4.7	1.6	.7						13.5	11.2
SSW	.2	1.7	2.3	1.3	.9	.3						6.1	11.2
SW	.2	.6	1.1	.8								2.7	9.7
WSW	.1	.5	1.6	.7	.1	.1						3.2	9.8
W	.1	1.6	2.2	1.7		.1						5.7	9.2
WNW	.6	1.1	1.8	1.6	.2							5.4	8.7
NW	2.3	1.7	2.5	1.7	.2							8.5	7.4
NNW	3.8	2.9	2.1	1.1	.2	.1						10.2	6.7
VARBL													
CALM												4.1	
	14.2	19.7	27.6	23.0	7.0	4.3	.5					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 574

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3 3060 CAPE NEWENHAM AFS AK 73-74,76-82 ALL

STATION STATION NAME YEARS MONTH

ALL WEATHER 00-23

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.9	1.3	.4		.5						7.3	5.1
NNE	.5	.5										1.2	4.7
NE	.5	.4										.9	3.7
ENE		.5										.5	5.1
E		.3	1.0	.3								1.5	8.9
ESE	.5	.5	1.7	1.5	1.3	.5						5.9	11.1
SE		.9	2.4	2.7	.9	1.3	.1					8.1	13.0
SSE	.4	1.5	3.1	4.5	.9	.6	.3					11.3	12.0
S	.5	1.7	4.7	3.2	1.3	.1	.1					11.5	10.8
SSW	.3	1.5	2.2	1.9	.8	.4						7.1	10.8
SW	.1	.5	.8	.8								2.2	9.1
WSW		.9	1.8	.5								3.2	5.8
W	.8	2.4	2.0	1.3	.1							6.7	7.3
WNW	1.0	1.9	1.4	.8								5.0	6.6
NW	.8	1.4	1.8	1.3								5.2	7.9
NNW	2.0	1.3	1.3	1.5	.3	.1						7.0	7.1
VARBL													
CALM												14.2	
	10.6	19.6	25.5	20.6	5.1	3.8	.5					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NENENHAM AFS AK | 73-82 YEARS | AUG MONTH

ALL WEATHER CLASS | 0100-2300 HOUR

CONDITION

WIND DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.9	.8	.7		.3						4.4	7.6
NNE	.3	.1										.4	7.3
NE	.3	.5										.8	7.5
ENE	.7	.1	.1									1.7	5.3
E	1.1	.5	1.2	.3	.1							3.3	6.7
ESE		1.7	1.7	1.4	.4	.1						5.3	11.5
SE	1.0	1.8	2.3	2.4	1.3	.4	.4					11.1	12.1
SSE	1.5	2.7	2.9	2.9	1.5	.1	.3	.1				12.0	11.6
S	1.2	2.2	3.5	4.1	1.6	.1						12.7	10.3
SSW	.4	1.1	2.6	1.8	.1	.1						6.1	9.6
SW	.2	.4	.7	1.4	.1							2.9	10.3
WSW	.5	.5	.7	.7	.1							2.5	8.4
W	1.0	1.2	2.2	1.0	.4							5.7	7.9
WNW	1.1	.4	.4	1.1								3.0	7.2
NW	.1	1.2	1.1	1.2	.1							3.3	8.1
NNW	.5	.4	1.5	1.4	.1	.5						4.3	11.1
VARBL													
CALM												12.7	
	13.6	16.3	31.2	27.1	6.5	1.8	.7	.1				100.3	7.5

TOTAL NUMBER OF OBSERVATIONS 735

USAFETAC FORM [illegible]

...SAL CLIMATOLOGY BRANCH
...AFLTAC
... WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS AK | 73-82 | ALL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ALL
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN SPEED
N	2.1	2.3	1.4	.4	.1	.1	.1					6.5	6.5
NNE	.9	.5	.2									1.7	4.2
NE	.4	.2	.1									.8	3.7
ENE	.2	.5	.3	.1								1.2	5.4
E	.5	1.1	1.1	.4	.1							3.1	7.2
ESE	.4	.3	1.5	1.9	.8	.2	.1					5.8	11.8
SE	.7	1.3	2.1	3.1	1.2	1.1	.3	.1				9.7	12.9
SSE	.3	1.1	2.7	3.5	1.4	.5	.1	.1				10.3	11.7
S	1.1	2.3	4.3	3.8	1.2	.2	.2					12.8	10.2
SSW	.4	1.2	2.2	1.5	.4	.1						5.8	9.5
SW	.2	.5	1.0	.7	.1	.1						2.7	9.5
WSW	.2	.6	1.5	.9	.1	.2						3.3	9.3
W	.5	1.3	2.1	1.6	.1	.1						5.6	8.6
WNW	.3	.9	1.3	.9	.1							3.6	8.1
NW	.3	1.2	1.7	1.1	.1							4.5	7.7
NNW	1.3	1.7	1.4	1.1	.2	.1						5.2	7.7
VARBL													
CALM												15.5	
	11.6	18.4	24.7	20.9	5.8	2.6	.5	.1				1[illegible].2	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 5529

...STARTAT 1 RM
...04 ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 [illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 — SEP
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 03?-?03
CLASS — HOURS (L.S.T.)

CONDITION

(KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.?	2.6	4.5	1.7	.?						11.2	12.?
NNE	.1	.6	.6	.7	.3							2.2	9.7
NE	.4	.3	.2	.1								1.?	?.?
ENE	.1	.3	.2	.1								.?	7.1
E	1.5	2.?	1.2	.8								?.?	8.3
ESE	1.?	1.?	1.7	1.3	.2	.?	.1					?.6	?.?
SE	1.2	1.5	1.7	2.1	.3	.?						7.1	?.2
SSE	.8	1.7	2.4	2.?	.6	.6						8.?	10.5
S	.4	1.3	4.?	3.7	1.?	.4	.3					11.3	11.6
SSW	.4	.?	1.9	.7	.?							4.6	10.1
SW	.2	.7	1.?	.3	.2	.2						2.7	10.2
WSW	.2	.5	1.8	.6								?.?	8.8
W	.6	.6	2.7	1.5	.2							5.6	?.2
WNW	.2	.6	1.3	1.?								?.1	?.5
NW	.4	.?	1.8	1.7	.2							4.9	?.8
NNW	.1	1.1	2.5	?.9	1.2	.5	.1	.1				?.6	12.9
VARBL													
CALM												13.3	
	?.4	15.2	27.4	25.?	6.8	3.1	.6	.1				1??.?	?.?

TOTAL NUMBER OF OBSERVATIONS 892

USAFETAC FORM [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25052 CAPE NEWENHAM AFS AK 73-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-2300
CLASS HOURS (LST)

CONDITION

WIND DIRECTION (KNOTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	2.9	5.5	1.6	.4						12.1	12.4
NNE		.7	.9	.9								2.5	8.7
NE	1.0	.5	.1	.2	.1							1.8	5.3
ENE	.7	.5	.3	.1								1.7	4.7
E	1.5	2.2	1.0	.7		.1						5.4	6.5
ESE	.7	1.4	2.2	1.2	.3							5.4	9.3
SE	.9	1.5	1.3	2.4	.4							5.4	9.7
SSE	.9	2.4	2.2	1.7	.7	.4	.1					8.9	9.8
S	1.1	1.2	3.5	3.8	1.7	.2						11.5	10.9
SSW	.1	.4	1.1	1.5	.8	.1						4.1	12.6
SW	.1	.2	.7	.1	.2	.1						1.5	9.9
WSW	.1	1.3	1.0	.4	.2							3.1	8.3
W	.3	.2	3.1	1.5	.2							5.3	9.6
WNW		.3	1.0	1.2	.2							3.7	10.4
NW	.3	.7	1.3	1.8	.2							4.1	9.5
NNW	.4	.7	1.7	3.1	1.0	.3						7.7	12.9
VARBL													
CALM												12.9	
	8.6	16.5	24.6	26.9	8.2	2.2	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

PABC — STATION
CAPE NEWENHAM AFS AK — STATION NAME
73-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0600-1200 — HOURS L.S.T.
CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	4.9	4.9	2.1	.7						14.4	11.7
NNE	.6	.9	.7	1.0								3.1	7.5
NE	.1	.8	.2									.1	5.3
ENE	1.1	.3	.2	.4								2.1	5.6
E	1.2	1.5	1.9	.3	.2	.1						5.3	8.9
ESE	1.0	1.2	1.3	1.2	.3							5.0	8.5
SE	1.1	1.5	1.3	2.5	.7	.3						7.4	13.0
SSE	1.2	2.3	1.7	2.7	1.1	.2	.1					9.4	12.3
S	.5	1.8	2.1	3.2	1.3	.1	.1					9.3	11.4
SSW	.1	1.1	1.7	1.7	.2							4.7	10.3
SW		.4	.9	.7	.6							2.6	11.3
WSW		1.1	1.9	.2	.2							3.4	8.5
W	.3	1.2	2.6	.4	.1							4.7	8.0
WNW	.1	.6	1.1	.9	.6							3.2	12.4
NW		.6	1.5	1.3	.2							3.6	12.2
NNW	.3	.2	2.3	3.7	1.1	.7						7.9	13.1
VARBL													
CALM												12.9	
	8.3	16.4	26.4	24.9	8.8	2.1	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 894

USAFETAC FORM 0-9 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...AFLTAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS, AK 73-81 ...

ALL WEATHER

...	...	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56+	...	MEAN WIND SPEED
...	2.7	1.7	5.1	4.5	2.1	1.7						7.5	7.1
...	.8	1.1	.7	.5	.1							2.1	7.5
NE	.2	.3	.2	.2								1.4	7.2
...	.2	.7	.7	.3								1.9	7.7
...	.7	1.6	2.3	.8		.1						5.1	7.5
...	.8	.2	.9	1.3	.8							3.7	10.7
...	.2	.2	1.3	1.8	.3	.8	.1					5.1	11.7
...	.1	.7	2.6	3.6	1.2	.7						8.3	12.3
S	.1	1.3	2.2	3.5	1.2	.2						8.4	12.1
...	.7	.6	1.8	1.9	.5	.2						5.7	11.3
...	.1	1.2	1.2	1.1	.2	.1						3.8	9.5
...	.2	.2	1.6	.9	.2							3.8	8.7
...	.2	1.2	1.2	1.3	.1							4.6	8.7
...	.8	.6	.8	.7	.4							3.3	9.5
NW	.2	.3	1.4	.9	.2							4.3	8.4
...	.8	1.8	3.5	3.6	1.2							11.0	10.5
...	-	-	-	-	-	-	-	-	-	-	-	0.0	
...	-	-	-	-	-	-	-	-	-	-	-	0.0	
	8.8	15.6	43.5	35.6	8.6	2.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 898

...L CLIMATOLOGY BRANCH
...ETAC
2 ... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS AK — 77-82 — ... — 1200-1400
STATION — STATION NAME — YEARS — MONTH — HOURS (LST)

ALL WEATHER
CLASS

CONDITION

DIRECTION (TENS OF DEGREES)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	-	MEAN WIND SPEED
N	2.5	2.7	5.3	5.7	2.5	.4						19.4	7.5
NNE	1.7	.5	.9	.7	.3							4.4	6.5
NE	.7	.6	.5	.1	.1							1.3	7.5
ENE		.7	1.2	.4								2.3	7.7
E	.4	1.7	1.9	1.1								4.4	9.5
ESE	.5	.9	1.5	1.8	.3		.1					4.7	10.7
SE	.1	.3	1.2	1.2	.5	.1	.1	.1				4.7	13.4
SSE		.7	2.2	3.1	.7	.3	.1					6.4	12.2
S	.3	1.5	3.4	4.5	1.7							11.5	11.9
SSW	.1	.5	2.9	7.1	.5	.7						6.9	11.4
SW	.2	.7	.9	.3	.1	.1						1.9	9.7
WSW		1.1	1.6	.9	.9							3.5	9.4
W	.1	1.1	2.3	1.7	.7	.1						5.7	11.5
WNW	.3	.9	1.6	1.2	.4							4.5	9.8
NW	1.7	1.7	2.5	1.3	.2							6.4	6.3
NNW	.7	2.1	2.6	4.6	1.5							11.5	10.4
VARBL													
CALM												3.9	
	9.7	15.6	32.1	37.5	8.9	1.7	.3	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 705 — STATION
CAPE NEWENHAM AFS AK — STATION NAME
73-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0300-1700 — HOURS L.S.T.
CONDITION

GROUP WAVE (KTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	2.5	4.3	3.1	3.2	1.5	.1					17.7	11.5
NNE	.6	.5	.5	.4								1.9	7.9
NE	.2	.5	.2	.2								1.2	8.3
ENE	.4	.3	.8	.2	.1							1.8	7.5
E	.5	.7	1.9	1.4								4.3	8.1
ESE		.3	.9	.4	.2							2.7	12.3
SE	.1	.2	1.2	1.2	.5	.1	.1					3.4	12.3
SSE		.4	2.5	3.4	.6		.1					7.2	12.2
S	.2	.3	3.5	4.2	1.3	.1						11.1	11.5
SSW	.1	.4	2.2	2.2	.9	.1						5.8	12.5
SW		.2	1.2	.7	.2							2.3	10.2
WSW		.3	2.0	.4	.1		.1					3.4	9.7
W	.2	1.3	2.3	2.0	.1	.1						5.5	9.5
WNW	.2	.7	2.7	1.5	.1	.4	.1					5.8	11.3
NW	1.4	1.2	2.1	2.1	.1							7.1	8.3
NNW	1.3	3.1	3.9	4.1	2.2	.2						14.5	10.3
VARBL													
CALM												4.5	
	7.4	15.4	32.2	27.8	9.5	2.6	.6					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 851

CL NAL CLIMATOLOGY BRANCH
USAFETAC
2 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NENENHAM AFS AK 73-75,77-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS LST

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.9	3.9	4.?	1.7						15.?	13.1
NNE	.1	.7	.5	.4	.1	.1						2.1	9.3
NE	.3	.4	.4	.6								1.7	7.8
ENE	.5	.4										1.?	5.4
E	.7	1.?	.7	.6								2.9	7.?
ESE	.1	1.1	1.5	1.9	.3							5.?	17.1
SE	.3	.5	1.1	1.4	.5							4.4	9.6
SSE	.4	1.5	2.1	2.8	.6		.1					7.5	10.3
S	.8	1.5	2.2	3.1	.7	.3	.1					8.7	10.7
SSW	.3	1.2	1.?	.8	.8	.1						4.3	10.5
SW	.1	.4	1.4	.8	.7							3.?	11.3
WSW	.4	1.?	1.7	.7	.4							4.2	9.1
W	.4	2.3	3.1	1.5	.7	.1						8.6	9.?
WNW	.3	.7	1.8	1.7		.1						4.6	9.7
NW	.3	.7	2.5	1.?		.3						4.7	9.3
NNW	.1	1.?	3.5	3.1	1.9	.3	.3					?1.?	12.?
VARBL													
CALM												10.1	
	6.9	17.6	26.4	24.2	11.1	3.1	.6					1??.?	9.6

TOTAL NUMBER OF OBSERVATIONS 7??

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK 73-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER 0100-2300
CLASS HOURS (LST)

FUNCTION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	3.0	4.6	2.3	2.1						12.5	14.5
NNE	.1	1.3	1.5	.5	.1							3.1	8.3
NE	.8	.5	.4	.1								1.7	5.3
ENE	.5	.7	.1									1.3	4.2
E	1.9	.8	1.2	.5	.1							4.5	6.4
ESE	.9	1.3	1.2	1.2	.4	.5						5.4	10.2
SE	.8	1.0	1.7	2.6	.5	.1						6.4	10.2
SSE	.5	2.7	1.5	2.2	.1	.1	.1					7.5	9.1
S	.8	1.2	2.3	3.0	.9	.3	.5					9.0	12.4
SSW	.5	1.2	2.3	1.2	.3	.4						5.7	9.3
SW	.3	.9	1.2	.6	.3	.1						3.3	9.2
WSW	.1	.2	1.3	.8								3.1	8.5
W	.5	1.8	3.1	1.3	.5	.3						7.5	9.2
WNW	.5	.4	1.0	1.2								3.1	8.6
NW	.4	1.2	1.8	1.4	.1		.1					5.7	9.1
NNW	.1	.3	1.3	3.1	1.9	.3		.3				7.1	15.3
VARBL													
CALM												12.6	
	9.3	16.7	24.3	24.2	7.5	4.4	.9	.3				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 778

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — STATION / STATION NAME

73-82 — YEARS

FEB — MONTH

ALL WEATHER — CLASS

ALL — HOURS L.S.T.

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	3.9	4.4	2.5	1.1	.1					15.7	12.1
NNE	.4	.8	.7	.6	.1	.1						2.7	8.3
NE	.4	.9	.3	.2	.1							1.4	6.2
ENE	.4	.5	.4	.2	.1							1.5	6.5
E	1.0	1.4	1.5	.7	.3	.1						4.9	7.1
ESE	.5	1.1	1.4	1.4	.4	.1	.0					4.9	9.8
SE	.7	.9	1.4	1.9	.5	.2	.1	.1				5.6	10.3
SSE	.5	1.6	2.2	2.7	.7	.3	.1					8.1	11.1
S	.5	1.3	2.9	3.6	1.2	.2	.1					9.9	11.3
SSW	.3	.8	1.8	1.5	.6	.1						5.1	11.1
SW	.1	.6	1.0	.6	.3	.1						2.7	10.1
WSW	.1	.0	1.5	.6	.2		.0					2.4	9.1
W	.3	1.3	2.6	1.4	.3	.1						6.1	9.2
WNW	.3	.6	1.4	1.2	.2	.1	.1					3.9	9.9
NW	.5	.9	1.8	1.4	.2	.1	.0					5.1	9.3
NNW	.5	1.3	2.7	3.6	1.4	.4	.0	.0				10.0	11.5
VARBL													
CALM												9.9	
	8.1	16.1	27.8	26.3	8.6	2.7	.4	.1				100.1	9.4

TOTAL NUMBER OF OBSERVATIONS 6822

USAFETAC FORM 0-9 (OL-A) [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

WIND DIR / WIND SPEED (KNOTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	4.3	6.9	3.5	2.1	.1					[illegible]	14.[illegible]
NNE	.4	1.[illegible]	2.7	2.3	.8	.7	.2					5.6	11.3
NE	1.1	2.1	1.3	.1								4.3	[illegible].4
ENE	.3	.4	.6	.6	.1							2.0	8.2
E	.9	2.2	1.8	.8	.1	.3						5.1	7.8
ESE	.7	.8	2.5	2.1	1.0	.4	.1					7.6	11.5
SE	.4	1.2	.9	1.9	.6		.3					5.3	11.4
SSE	.7	1.7	1.4	1.9	.6	.1						5.3	9.5
S	.4	1.[illegible]	2.1	3.0	.9	.3						7.7	11.6
SSW		1.[illegible]	1.3	1.5	.8							5.[illegible]	10.9
SW		.[illegible]	.6	.8	.4							[illegible].[illegible]	12.6
WSW	.1		.6	.3								1.[illegible]	9.3
W		.6	.6	.7	.3							2.1	11.2
WNW	.2	.3	.7	1.2	.2	.2						3.3	10.5
NW		1.7	.7	1.2	.3	.2	.1					4.[illegible]	10.7
NNW		.[illegible]	1.9	2.8	2.[illegible]	1.0	.2					9.1	14.7
VARBL													
CALM												7.7	
	5.5	17.6	23.4	28.0	12.3	5.4	1.1					[illegible].[illegible]	10.7

TOTAL NUMBER OF OBSERVATIONS [illegible]5

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK 73-83 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	5.2	7.8	4.9	1.4	.2					20.9	11.6
NNE	.4	1.3	2.4	1.9	1.3	.3	.2	.1				7.5	11.5
NE	.2	1.7	.4	.6	.1							2.3	9.1
ENE	.3	1.3	.4	.2								2.3	8.7
E	.7	1.7	2.8	.9	.2	.3						6.5	8.9
ESE	.2	.3	2.3	2.4	1.1	.4	.1					7.7	12.5
SE	.9	.9	1.6	1.8	1.2	.2						6.6	11.1
SSE	.6	2.7	1.1	2.1	.4	.7						7.6	10.1
S	.4	1.4	2.1	2.6	.9	.1	.1					7.7	11.3
SSW		.5	1.5	.3	.3							2.6	9.1
SW	.1	.9	.4	.1	.1	.1						1.8	8.7
WSW	.4	.5	.4	.9	.1		.2					2.7	10.6
W	.3	.5	.9	1.0	.3							3.1	9.5
WNW	.2	.7	.6	.8		.3						2.6	9.6
NW	.2	.7	1.4	1.2	.2	.1	.1					4.3	10.3
NNW	.1	.2	.5	3.0	2.7	1.3						8.1	15.0
VARBL													
CALM												6.2	
	5.4	16.2	24.6	27.6	13.7	5.4	1.0	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 920

USAFETAC FORM JUL 84 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — STATION NAME
73-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	4.4	3.5	1.7	1.1	.1					1.2	15.4
NNE	.1	1.3	2.0	1.9	1.0	.2		.3				6.8	12.5
NE	.1	.6	.7	.7	.1							2.1	9.1
ENE	.6	.7	1.2	.6								3.0	7.3
E	.8	1.3	2.9	2.0	.3	.1						7.8	8.9
ESE	.2	.3	1.4	2.4	1.2	.5	.3					6.7	14.1
SE	.3	.7	1.7	1.9	.8	.7						5.9	12.5
SSE	.6	1.3	.9	2.3	.9	.2						6.5	12.9
S	.3	1.4	1.1	2.5	.7	.2						6.7	12.8
SSW	.4	1.0	.8	1.7	.4							4.3	9.9
SW	.2	.9	.4	.4		.1						2.1	8.4
WSW		.5	.6	.6		.2	.1					2.2	12.1
W	.7		.3	1.1	.2							2.3	10.6
WNW		.7	1.0	1.0			.1					2.8	10.2
NW	.1	.7	1.2	1.7	.3	.1	.2					3.9	12.7
NNW	.1	.4	1.1	3.4	2.3	1.4						8.8	15.7
VARBL													
CALM												6.9	
	5.4	14.4	21.6	32.7	13.0	5.0	.9	.3				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AF ... AK | 73-82 | ...

YEARS

ALL WEATHER

CLASS

... | MONTH | ...-11 | ...

HOURS ...

DIR	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.[illegible]	5.[illegible]	1.[illegible]	4.5	1.[illegible]					[illegible]	[illegible]
NNE	.7	1.[illegible]	1.[illegible]	1.[illegible]	.7	.[illegible]		.3			[illegible].5	12.1
NE	.4	.[illegible]	1.[illegible]	.3							[illegible].1	[illegible].3
ENE	.7		.[illegible]	.2							1.1	[illegible].1
E	.2	1.[illegible]	3.1	2.[illegible]	.1	.[illegible]					[illegible].3	[illegible].1
ESE	.[illegible]	.[illegible]	1.[illegible]	2.[illegible]	.7	1.2	.1				[illegible].1	[illegible].1
SE	.[illegible]	.[illegible]	1.[illegible]	2.[illegible]	1.2	.1	.[illegible]				[illegible].1	13.[illegible]
SSE	.[illegible]	1.[illegible]	1.[illegible]	[illegible].[illegible]	1.[illegible]	.3					[illegible].3	12.[illegible]
S	.[illegible]	1.[illegible]	1.4	1.7	1.2	.1					[illegible].3	11.[illegible]
SSW	.[illegible]	.[illegible]	.[illegible]	1.7	.[illegible]						[illegible].[illegible]	12.[illegible]
SW	.3	.[illegible]	.[illegible]	.[illegible]	.7	.1					[illegible].3	13.[illegible]
WSW	.2	.[illegible]	.[illegible]	.4	.1						1.5	[illegible].7
W	.7	.7	1.[illegible]	1.2	.3						3.4	12.[illegible]
WNW	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.2	.1					[illegible].9	[illegible].7
NW	.4	.3	.[illegible]	.[illegible]	.3	.4	.1				3.4	12.[illegible]
NNW	.[illegible]	.4	1.[illegible]	3.5	1.[illegible]	1.2					[illegible].[illegible]	14.1
VARBL												
CALM											[illegible].[illegible]	
	6.[illegible]	12.[illegible]	21.5	37.5	12.1	6.2	.4	.3			[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]7

USAFETAC ... PM ...

2

...L CLIMATOLOGY BRANCH
...ETAC
AT ...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS, AK — 73-82 — ...
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1100-1400
CLASS — HOURS (LST)

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	4.7	10.0	4.5	1.5	.3					24.5	12.6
NNE	.2	2.3	1.4	2.0	.6	.4	.3					7.5	11.4
NE	.1	.5	.6	.3								1.3	7.4
ENE	.1	.1	.3	.2								.3	5.1
E	.1	1.1	.9	2.2	.1	.2	.3					5.7	12.4
ESE		.4	1.2	3.2	.9	.4	.4					6.5	14.7
SE	.1	.5	.7	3.4	1.2	.5	.1					6.2	14.9
SSE	.2	.7	1.1	2.6	.9	.2						5.7	12.7
S		.7	3.0	2.4	1.2	.4						7.7	12.5
SSW	.2	1.2	1.2	1.2	.1							3.5	9.3
SW		.3	.6	.1	.2	.2						1.3	13.1
WSW		.6	.8	.3	.1	.1						1.9	9.9
W		.7	1.5	1.2	.2							3.8	10.1
WNW		.3	.4	.7	.1							1.5	10.9
NW	.2	.7	1.3	1.4	.4	.2	.1					3.8	11.2
NNW	.2	1.3	1.4	5.6	2.4	.5	.2					12.7	13.3
VARBL													
CALM												4.5	
	4.3	13.3	21.1	36.7	13.3	5.4	1.9					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS — 7...9

...FORM ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 19[illegible]-[illegible]
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	5.9	11.3	3.9	1.6	.2	.1				6.2	1[illegible].9
NNE	.4	1.0	2.3	.9	.4	.4	.7	.1				5.5	13.7
NE	.1	.2	.4	.1								.9	8.4
ENE	.2	.4	.8	.5								1.9	8.5
E		1.0	2.3	1.2	.4							4.9	9.4
ESE		1.[illegible]	.7	1.7	1.2	.4	.5	.1				5.8	15.5
SE		.5	1.[illegible]	1.8	.7	.5						4.5	12.3
SSE		.7	1.7	2.1	.7	.5						5.7	13.1
S	.4	.8	1.8	3.7	.5	.5						7.6	12.6
SSW		.8	1.7	.4	.5	.2						3.4	11.6
SW		.7	.2	1.[illegible]	.2							2.2	13.4
WSW		.7	.6	.2	.1							1.2	10.7
W	.1	.5	1.5	1.5								3.9	9.2
WNW	.4	.4	.2	.9	.1	.1						2.1	13.6
NW	.4	.5	2.0	1.7	.1		.1					4.9	10.1
NNW	.5	.4	2.2	5.4	2.3	1.2	.2					13.4	14.2
VARBL													
CALM												6.3	
	3.7	11.3	24.1	35.3	11.3	5.5	2.3	.4				[illegible]3.3	11.7

TOTAL NUMBER OF OBSERVATIONS 516

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
USAFETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...9500 CAPE NEWENHAM AFS AK | 73-74,77-82 YEARS | OCT MONTH

ALL WEATHER CLASS | ...-... HOURS

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		...7	5.3	4.4	3.4	7.1						2.2	13.1
NNE	.5	1.3	3.7	1.8	.3	1.1	.5					8.5	12.7
NE	.3	1.2	.1	.1								1.8	4.7
ENE	.4	.4	.8	.5	.1							2.3	5.7
E	1.1	1.5	.8	.8	.1	.1						4.3	7.8
ESE	.5	.7	1.5	2.8	.7	.5	.8					7.5	14.7
SE	.1	.7	.7	2.4	1.1	.7	.1					5.3	14.5
SSE	.1	1.1	.5	1.3	.4	.1						3.5	11.1
S	.2	1.1	2.0	2.8	.7	.5	.1					7.5	12.7
SSW	.3	.2	1.2	.4	.7	.1						2.5	10.1
SW	.1	1.1	.2	.9		.2						3.1	9.5
WSW	.2	.4	.3	.3	.1							1.3	8.2
W	.1	.4	.3	.5								1.9	8.9
WNW	.2	.7	.8	.9	.1							2.7	10.2
NW	.2	1.1	1.2	2.4	.1	.1	.1					5.3	11.1
NNW	.2	.2	1.8	3.9	2.8	1.7	.3	.4				11.2	15.5
VARBL													
CALM												7.3	
	4.2	15.2	21.4	31.5	13.6	6.7	2.2	.4				100.3	11.4

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — STATION NUMBER / STATION NAME

73-82 — YEARS

OCT — MONTH

ALL WEATHER — CLASS

0100-2200 — HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	3.6	7.2	3.6	1.3	.3	.1				17.3	14.3
NNE	.4	1.6	3.3	1.8	.6	1.3	.4					9.4	12.4
NE	.6	1.6	.3									2.5	5.2
ENE	.9	.3	.0	.4								1.5	5.4
E	.9	1.5	2.4	.8	.4	.1						5.6	9.1
ESE	.6	.9	1.1	1.9	.1	.4	.3					5.2	11.6
SE	.6	1.1	.9	2.4	1.4	.3	.6					7.4	13.4
SSE	.3	1.9	1.7	1.6	.7	.4						5.4	12.3
S	.6	1.7	2.7	1.9	1.4	.3	.1					7.7	11.5
SSW		.4	2.2	1.5	.3	.1						4.3	10.8
SW	.1	.2	1.1	.4	.1		.2					2.3	10.5
WSW	.1	.4	.3	.4								1.1	8.1
W	.3	.4	1.1	.8	.1							2.7	8.8
WNW		.2	.5	1.4	.4							2.3	10.7
NW	.3	.2	1.5	1.6	.6	.4						4.9	12.1
NNW	.1	.2	2.2	3.2	2.2	1.2	.3					9.1	14.9
VARBL													
CALM												5.4	
	5.2	16.1	23.6	27.1	11.3	5.4	2.2	.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 782

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	CAPE NEWENHAM AFS AK	73-82	OCT
	STATION NAME	YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (LST)

CONDITION

KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.9	4.7	4.9	4.1	1.6	.2	.1				17.5	13.4
NNE	.3	1.5	2.2	1.8	.6	.5	.3	.1				7.5	12.3
NE	.4	.9	.6	.3	.1							2.2	8.8
ENE	.4	.5	.7	.4	.1							2.3	7.3
E	.6	1.5	2.1	1.4	.5	.2	.1					5.2	9.5
ESE	.2	.6	1.5	2.4	.9	.6	.3	.1				6.7	13.5
SE	.4	.7	1.0	2.3	1.1	.4	.2					6.0	13.3
SSE	.3	1.4	1.1	2.1	.7	.3						5.7	11.2
S	.5	1.1	1.9	2.5	.9	.3	.1					7.4	11.7
SSW	.2	.4	1.3	1.1	.4	.1						3.7	10.5
SW	.1	.7	.6	.5	.2	.1	.1					2.2	10.3
WSW	.1	.4	.5	.5	.1	.1	.1					1.8	10.1
W	.2	.5	1.1	1.1	.2							2.7	9.9
WNW	.2	.7	.8	.9	.1	.1	.1					2.8	10.2
NW	.3	.7	1.3	1.5	.3	.2	.1					4.4	11.3
NNW	.3	.5	1.5	3.9	2.4	1.1	.1	.1				10.1	14.7
VARBL													
CALM												6.5	
	5.2	14.6	22.7	31.6	12.2	5.6	1.4	.2				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 5577

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 NOV

STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]

CLASS HOURS (LST)

CONDITION

DIRECTION FROM WHICH WIND BLOWS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.9	5.3	2.4	1.7	.2					13.8	14.5
NNE	.5	1.7	1.5	2.3	1.1							6.1	12.7
NE	.6	1.4		.6	.2							2.7	7.2
ENE	.3	.6	.2	.8								1.9	5.6
E	.5	1.7	1.0	1.6	.7	.1						4.9	10.7
ESE	.2	.7	1.3	4.4	1.9	1.3	.3	.3				10.2	15.5
SE	.6	.5	1.7	2.5	.9	1.4	.8	.8				8.4	17.5
SSE	.5	2.6	1.0	1.9	1.1	1.2	.9					9.3	13.3
S	.6	1.9	1.9	3.8	1.5	.8	.5					11.4	13.3
SSW	.7	1.7	1.4	1.5	.1	.3	.2					5.5	10.5
SW	.2	.3	1.1	.6	.3	.1						2.7	10.7
WSW	.1	.3	.7	.3								1.5	5.7
W	.2	.3	.5	.8	.7	.2						2.6	11.6
WNW		.2	.2	.9								1.4	11.9
NW	.2	.1	.9	.7	.3	.5						2.6	13.7
NNW	.1	.1	.7	1.5	1.7	1.8	.1					6.3	16.9
VARBL													
CALM												13.1	
	5.8	13.7	15.5	29.7	12.5	9.0	3.1	1.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 679

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3010 CAPE NEWENHAM AFS AK | 73-82 YEARS | NOV MONTH

ALL WEATHER CLASS | 0000-2300 HOURS LST

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.5	3.4	2.5	1.6	.1					10.7	14.2
NNE	.1	.7	1.1	1.9	1.3	.7						5.2	12.7
NE	.3	.6	.8	.3	.2							2.1	7.7
ENE	.5	.7	.5	.1								1.7	5.7
E	1.4	1.5	1.9	1.7	.7							7.2	9.7
ESE	1.1	.7	1.1	3.7	1.9	1.0	.2	.5	.1			11.7	15.4
SE	.3	.7	1.1	1.8	.8	1.1	1.1	.8	.1			8.1	15.5
SSE	.7	1.3	.8	1.5	.5	1.7	.1	.2	.1			6.3	13.5
S	.5	.7	3.1	3.8	2.2	1.7	.1	.1				11.3	13.4
SSW	.2	1.4	1.9	1.0	.6	.7	.1					5.3	11.3
SW	.1	.5	.5	1.1	.1							2.3	10.4
WSW	.7	.5	.9	.5	.2							2.3	9.7
W	.5	.7	.7	.5								2.1	7.3
WNW		.7	.6	.3								1.3	9.4
NW	.3	.5	.6	1.2	.7	.1						3.3	11.6
NNW	.1	.7	.7	1.8	1.4	1.7	.2					6.6	15.9
VARBL													
CALM												9.6	
	7.5	13.2	17.6	25.4	13.0	9.7	2.1	1.6	.3			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 876

USAFETAC FORM [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK 73-82 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS LST

CONDITION

OBSERVED WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.6	4.4	2.3	1.4	.8					14.6	14.1
NNE	.7	1.5	1.8	2.7	.8							7.5	17.2
NE	.3	.9	.7	.3	.1	.1						2.5	8.7
ENE	.1	.3	.3	.1								.7	6.8
E	.5	.8	1.7	1.7	.6							5.3	11.2
ESE	.3	.6	1.3	3.2	1.5	1.7	.9	.5				9.5	17.7
SE	.7	1.1	1.1	1.5	.9	1.7	1.5	.7				8.2	17.9
SSE	.5	1.8	1.4	.9	1.2	.8	.1	.5				7.1	13.3
S	.3	2.7	1.8	4.3	2.3	.9	.3					12.3	13.3
SSW	.5	.5	1.3	1.8	1.1	.7						5.3	12.4
SW	.1	.3	.7	.5	.7							2.3	11.1
WSW		.7	.5	.7		.1						1.8	8.8
W	.3	.5	.5	.5								1.7	7.6
WNW	.3	.3	.2	.1	.1							1.1	7.2
NW	.3	.5	.3	.5	.7	.2						2.5	11.5
NNW	.2	.8	.9	3.1	1.2	.9	.2					7.2	14.3
VARBL													
CALM												9.8	
	6.2	14.2	15.6	25.7	12.8	8.1	3.7	1.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 98

CLASS 1 PM
64 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK 77-82 NOV
STATION NUMBER STATION NAME YEARS MONTH

ALL WEATHER 00Z-24Z
CLASS HOURS

CONDITION

KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
E	.2	1.0	3.1	4.5	2.[illegible]	1.7	.1					12.[illegible]	14.1
ENE	.2	1.4	2.4	1.5	.8							6.3	9.3
NE	1.[illegible]	.5	.5	.3	.1							2.5	5.9
ENE	.3	.8	.7	.2								1.8	8.3
E	.3	1.8	2.1	3.8	.7	.2						9.0	11.4
ESE	.1	1.1	1.7	3.7	1.1	1.3	1.5	.3				11.4	17.2
SE	.5	.3	1.2	1.5	.8	1.5	.5	1.1	.2			7.7	19.5
SSE	.6	1.4	1.5	1.8	1.[illegible]	.8	.7	.3		.1		8.1	15.1
S	.3	1.2	1.7	4.2	1.5	1.3	.5					10.4	13.7
SSW		.5	1.4	1.9			.1					3.8	11.4
SW	.2	.5	.3	.1								1.1	6.4
WSW	.3	.5	.3	.1	.1							1.4	7.1
W	.2	.5	.6	.5	.1	.1						2.0	9.[illegible]
WNW	.1	.2	.1	.2	.2	.1	.1					1.1	14.3
NW	.1	.5	.6	1.4	.2	.1						2.8	11.8
NNW	.2	.1	.7	2.1	1.[illegible]	1.6	.1					5.9	16.4
VARBL													
CALM												11.6	
	5.2	12.0	18.8	27.9	9.9	8.9	3.5	1.8	.2	.1		1[illegible].[illegible]	12.[illegible]

TOTAL NUMBER OF OBSERVATIONS 385

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — STATION / STATION NAME

73-82 — YEARS

NOV — MONTH

ALL WEATHER — CLASS

[illegible]-[illegible] — HOURS L.S.T.

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	3.3	4.2	2.8	.6	.2					13.3	10.1
NNE	.7	.9	1.1	1.9	.3	.3						5.3	13.1
NE	.7	.8	.7	.6	.1							2.8	7.4
ENE	.6	.3	.3	.5	.1							1.8	7.9
E	1.0	1.4	2.7	3.2	1.7	.3						9.7	10.7
ESE	.5	.5	1.6	4.9	1.6	1.7	.9	1.0				12.8	17.5
SE	.3	.1	.7	.5	.7	1.5	.8	.5	.1			5.9	15.5
SSE	.7	1.0	1.8	1.8	1.5	1.0	.3	.1	.1			8.9	14.2
S	.7	1.1	2.3	3.1	1.5	.9	.6	.1				10.2	13.7
SSW	.2	.3	.7	1.4	.1							2.8	10.7
SW	.1	.5	.6	.1								1.2	7.2
WSW		.2		.3	.1							.9	9.5
W	.1	.5	.8	.3				.2				1.8	11.7
WNW	.8			.7	.3		.1					1.7	11.5
NW		.2	1.2	2.7	.3	.2	.1					4.2	12.8
NNW	.2	.3	.8	1.2	1.1	1.4	.7					6.2	15.7
VARBL													
CALM												11.5	
	7.3	10.1	18.2	26.9	11.9	8.2	3.7	2.0	.2			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 68

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SUPFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 — NOV

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]-17[illegible]

CLASS — HOURS (L.S.T.)

CONDITION

DIRECTION FROM WHICH WIND BLOWS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	2.3	3.8	3.2	1.5	.5					13.[illegible]	14.2
NNE	.8	1.4	1.3	1.9	.5							5.7	9.7
NE	.9	.5	.4	.8	.1							2.7	7.[illegible]
ENE	.5	.9	.1	.4								1.9	5.[illegible]
E	1.0	1.9	1.3	2.8	.6							7.6	9.7
ESE	.5	.5	1.5	3.8	1.8	1.1	.5	.5	.1			10.5	15.5
SE	.4	.3	.9	2.0	1.4	1.1	1.1	.6				7.9	19.2
SSE	.9	1.6	.4	1.6	1.5	1.0	.8	.4				8.2	15.6
S	.6	1.3	2.2	3.7	1.5	.4	.8					9.8	17.2
SSW	.8	.4	1.3	.9	1.7	.1	.1					4.[illegible]	11.8
SW	.1	.4	.5	.1	.3							1.4	9.5
WSW	.1	.1	.5	.2	.1							1.1	10.[illegible]
W	.3	.6	.4	.5	.1		.1	.1				[illegible].2	11.3
WNW	.1	.1	.8	.6	.1		.1					1.9	12.[illegible]
NW		.3	.8	1.5	.5							3.[illegible]	12.8
NNW	.1	.4	1.[illegible]	1.8	1.8	1.3	.5					6.[illegible]	15.6
VARBL													
CALM												11.2	
	7.6	12.7	15.5	25.7	14.6	6.5	4.6	1.6	.1			100.[illegible]	12.[illegible]

TOTAL NUMBER OF OBSERVATIONS 78[illegible]

USAFETAC FORM [illegible]
OCT 64 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-75,77-82 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.8	4.5	2.5	1.4	.4					11.5	14.5
NNE	.8	2.5	1.1	1.6	.5							6.5	8.8
NE	.1	.8		.5	.1							1.6	7.2
ENE	.1	1.1	.8	.4								2.3	8.7
E	.3	2.5	2.7	2.6	.4	.1						8.2	9.4
ESE	.7	.5	.8	2.6	2.2	1.2	.7	.3	.3			8.9	11.8
SE	.5	1.1	1.2	1.4	1.9	2.2	1.4	.3				9.5	10.3
SSE	1.2	2.0	.7	1.9	.5	1.4	.5					8.2	12.1
S	.5	1.5	1.9	4.2	.8	.7	.5	.3				10.4	13.1
SSW	.3	.7	1.1	1.5	1.7	.3	.1					4.7	12.9
SW		.3	1.0	.5	.3	.1						2.7	10.2
WSW	.1	.5	1.0	.7	.3							2.6	10.2
W		.7	.3	.4	.3	.5	.1					2.3	14.2
WNW		.7	.5	.3	.3							1.3	9.1
NW		.5	.5	.5	.5	.5						2.7	14.6
NNW	1.7	.5	.8	1.6	1.1	1.4	.4					6.5	12.1
VARBL													
CALM												7.5	
	6.1	17.5	15.7	25.3	12.7	9.8	4.2	.8	.3			100.1	12.4

TOTAL NUMBER OF OBSERVATIONS 772

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — NOV MONTH

ALL WEATHER CLASS — [illegible] HOURS L.S.T.

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.9	2.2	2.2	4.4	2.6	1.1	.4					14.0	[illegible]
NNE	.1	1.2	2.3	1.5	.7							5.5	[illegible]
NE	.1	.7	.1	.5	.1							1.6	[illegible]
ENE	.3	.3		.1	.1							1.2	[illegible]
E	.9	1.3	1.1	2.3	.7							6.3	[illegible]
ESE	.3	.4	1.3	4.6	1.7	1.2	.4	.4				10.3	[illegible]
SE	.7	.4	.9	2.0	.7	.4	1.5	1.1				8.1	[illegible]
SSE	.9	1.3	.8	1.8	.8	1.3	.5					7.5	[illegible]
S	.4	1.5	2.3	3.6	1.9	1.3	.5					11.5	[illegible]
SSW	.3	.7	1.5	1.9	.5	.7	.1					5.7	[illegible]
SW	.1	.7	.5	.7	.4							2.7	[illegible]
WSW	.1	.3	.8	.9	.3							2.4	[illegible]
W	.3	.7	.5	.7	.5	.3	.1					3.4	[illegible]
WNW		.3	.4									.7	[illegible]
NW		.3	.5	.5	.5	.4						2.3	[illegible]
NNW	.3	.7	.7	1.3	2.0	1.7	.3					7.0	[illegible]
VARBL													
CALM												9.3	
	6.0	13.7	16.0	26.9	13.8	8.9	3.9	1.5				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 784

...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

... CAPE NEWENHAM AFS, AK ... 77-8 ... N ...
STATION NAME ... YEARS ... MO.

ALL WEATHER
OBSERVATIONS

DIR	4-6	7-10	11-16	17-21	22-27	...	...	...	...	...	...	%	MEAN WIND SPEED
N	.6	1.2	2.2	4.6	2.6	1.4	.3					12.9	9.4
NNE	.5	1.3	1.5	2.9	.8	.2						6.2	11.2
NE	.5	.8	.4	.5	.2	.1						2.3	7.8
ENE	.4	.7	.3	.3	.2							1.7	8.9
E	.8	1.5	1.9	2.7	.7	.2						7.8	10.2
ESE	.4	.6	1.3	3.9	1.7	1.6	.7	.5	.1			10.8	15.8
SE	.5	.6	1.7	1.7	1.2	1.4	1.1	.8	.1			9.2	12.8
SSE	.8	1.7	1.5	1.6	1.7	1.1	.5	.2	.1	.1		7.8	14.1
S	.5	1.4	2.1	3.8	1.7	.8	.5	.1				10.7	13.5
SSW	.4	.7	1.3	1.5	.5	.2	.1					4.7	11.0
SW	.2	.5	.7	.5	.2	.1						2.1	9.7
WSW	.2	.4	.6	.4	.1	.1						1.9	9.5
W	.3	.5	.5	.5	.2	.1	.1	.1				2.3	10.8
WNW	.2	.3	.3	.4	.1	.1	.1					1.4	11.8
NW	.2	.4	.7	1.0	.5	.2	.1					3.0	12.1
NNW	.3	.5	.8	1.8	1.4	1.5	.3					6.5	15.1
VARBL													
CALM												12.1	
	6.5	13.3	16.6	27.1	12.6	8.5	3.6	1.5	.2	.2		100.2	12.1

TOTAL NUMBER OF OBSERVATIONS ... 1665

... FORM ... PREVIOUS EDITIONS OBSOLETE ... PAGE ...

NEGRAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK 73-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (LST)

CONDITION

DIR NAUT MI	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	2.3	4.9	2.5	1.	.2					14.1	12.4
NNE	.5	.9	1.4	1.2	.1							4.2	9.1
NE	.6	.5	.3	.1	.4							1.7	8.7
ENE	.4	.9	1.0	.2	.2							2.7	7.9
E	.7	.9	1.5	2.2	1.4	.6	.3					7.6	13.7
ESE	.4	.4	.3	3.3	1.9	1.5	2.0	.5				10.4	15.5
SE	.5	.9	.9	1.9	1.8	1.5	1.4	.4				9.7	16.1
SSE	.2	1.1	.5	2.1	2.2	2.2						8.4	16.3
S	.4	1.2	1.8	2.1	2.3	.5						9.2	13.1
SSW	.2	.3	.6	.4	.1	.1						1.8	10.2
SW	.1	.4	.9	.3								1.8	8.0
WSW	.5	.1	.7	.3								1.7	7.3
W	.8	.2	.4	1.1	.1	.2						2.7	10.2
WNW		.1	.2	.4	.4							1.2	14.3
NW	.1	.1	.5	.8	.3	.1						2.7	12.7
NNW	.2	.7	.3	1.7	1.3	.9	.1					4.8	15.9
VARBL													
CALM												15.3	
	7.2	9.7	13.6	24.2	18.9	8.7	4.2	1.0				100.2	11.7

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
OF FLTAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK | 73-82 YEARS | DEC MONTH

ALL WEATHER CLASS

[illegible] HOURS L.S.T.

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.6	2.1	5.5	2.7	1.1			.1			14.9	12.6
NNE	1.2	1.7	1.1	1.5	.3							5.2	8.4
NE	.4	.1	.3	.2	.1							1.1	8.1
ENE	.7	.4	.3	.4	.1							2.0	7.4
E	1.1	.5	1.1	3.1	1.4	1.0	.2					8.5	13.6
ESE	.4	.4	.7	3.5	2.4	1.8	1.1	.1	.2			12.2	16.4
SE	.7	.7	.3	2.2	2.1	2.5	.8	.7	.1			9.7	19.7
SSE	.7	1.2	.7	1.2	2.1	1.4	.1					7.4	15.5
S	1.1	.5	1.8	4.2	1.5	.8	.1					12.3	12.6
SSW		.4	.9	.3	.2	.1						2.1	10.4
SW		.3	.4	.2	.1							1.1	9.7
WSW	.1	.2	.4	.1	.1							1.0	9.1
W	.5	.3	.3	.9	.4	.1						2.6	11.7
WNW	.1	.3	.3	1.1	.2							2.5	11.3
NW	.2	.1	.2	1.1	.9	.4						3.2	14.3
NNW	.7	.7	.4	.5	.9	1.1						3.3	14.3
VARBL													
CALM												14.3	
	8.5	9.9	11.7	26.1	15.9	10.2	2.3	.8	.4			100.1	11.9

TOTAL NUMBER OF OBSERVATIONS 911

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 (YEARS) — DEC (MONTH)

ALL WEATHER (CLASS) — [illegible] (HOURS L.S.T.)

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.7	3.1	3.3	2.7	.9	.1					13.5	11.9
NNE	.9	1.7	1.8	1.0	.1							5.7	8.3
NE	.7	.4	.3	.2								1.3	6.7
ENE	.4	.3	.5	.2	.1							1.5	7.1
E	1.0	1.4	1.2	2.7	2.0	1.0	.3	.1				9.3	13.5
ESE	.1	.7	1.4	2.4	2.4	2.7	.7	.7	.1	.1		12.5	16.4
SE	1.0	.1	.5	1.9	2.0	2.3	.9	.5				9.5	15.7
SSE	.9	1.7	1.5	1.9	1.2	1.0		.1				7.5	12.1
S	.1	1.1	1.8	2.5	1.6	.9	.3					9.3	13.4
SSW	.1	.7	.5	.7	.1	.7						2.4	11.5
SW	.1	.3	.7	.4	.1							1.5	9.1
WSW	.7	.1	.3	.4		.3						1.3	11.4
W	.1	.5	.8	1.0	.2	.1						2.7	10.7
WNW		.3	.3	.3	.5	.2						2.2	13.3
NW		.7	.3	.5	.5	.2						2.3	13.5
NNW	.1	.3	.3	1.4	2.7		.7					4.5	16.7
VARBL													
CALM												14.2	
	5.9	12.7	16.1	22.4	15.9	9.1	2.5	1.4	.1	.1		100.3	11.7

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 — DEC
STATION — STATION # WBAN — YEARS — MONTH

ALL WEATHER — 0[illegible]-11[illegible]
CLASS — HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.5	3.5	4.0	2.1	.2						14.4	12.4
NNE	.4	1.4	1.3	1.3	.3							4.8	8.9
NE	.1	.7	.9	.1								1.7	6.5
ENE	.2	.9	.8	.3								2.2	5.5
E	.9	1.6	1.3	1.9	1.4	1.3	.2	.1				8.7	13.3
ESE	.3	1.[illegible]	1.3	3.6	1.6	2.4	.2	.[illegible]		.1		11.4	17.3
SE	.4	.5	.5	2.8	2.3	1.[illegible]	.9	.1				8.9	15.5
SSE	.9	1.1	2.[illegible]	1.1	1.3	.[illegible]	.4	.3				8.[illegible]	13.9
S	.7	1.[illegible]	1.7	2.8	1.5	.8	.1					8.6	12.7
SSW	.1	.3	1.1	.5	.3	.1						2.3	12.9
SW	.2		.4	.7	.7							1.[illegible]	12.9
WSW	.2	.7	.4	1.0	.1							2.[illegible]	10.7
W	.1	.4	.2	.7	.4							1.9	11.4
WNW	.1	.2	.9	.4	.1							1.7	9.6
NW	.1	.1	.[illegible]	1.1	.2	.1	.1					2.6	13.[illegible]
NNW	.1	.[illegible]	1.0	1.6	1.3	.7	.2					5.[illegible]	14.1
VARBL													
CALM												14.3	
	6.9	13.8	17.7	24.0	13.7	7.[illegible]	2.2	1.3		.1		1[illegible].[illegible]	11.1

TOTAL NUMBER OF OBSERVATIONS 91[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — DEC MONTH

ALL WEATHER CLASS — [illegible]-1400 HOURS LST

CONDITION

DIRECTION FROM WHICH WIND BLOWS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	3.7	3.9	1.5							11.7	10.5
NNE	1.1	2.2	1.4	1.7	.1							6.5	7.3
NE	.9	.5	.8	.2								2.2	6.1
ENE	2.7	.4	.5				.1					1.9	5.4
E	1.1	1.9	1.5	2.5	1.4	1.1	.1	.1				9.5	12.7
ESE	.2	.1	1.6	2.7	2.7	1.7	1.4	.4	.2	.1		12.1	13.3
SE	.4	1.7	.4	2.1	2.4	1.7	.2	.1				9.1	14.7
SSE	1.7	1.7	1.4	2.2	1.3	1.7	.1					8.2	12.5
S	.7	.9	1.1	4.1	2.1	.3						9.3	11.2
SSW	.2	.1	1.2	1.3	.2	.2						3.2	12.2
SW			.2	.5	.1							.9	13.7
WSW	.1	.2	.4	.4	.1		.1					1.4	11.6
W	.2	.3	1.2	.4	.2	.2						2.3	11.4
WNW	.2	.4	.2	.3	.3							1.6	9.2
NW		.4	.8	1.1	.3	.2	.2					3.1	13.8
NNW	.1	1.2	1.1	2.3	1.1	.3						6.1	12.4
VARBL													
CALM												14.2	
	7.2	12.4	17.4	24.9	13.6	5.8	2.3	.7	.2	.1		100.3	10.-

TOTAL NUMBER OF OBSERVATIONS 713

AFETAC FORM [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 YEARS — DEC MONTH

ALL WEATHER CLASS — 1500-1700 HOURS (LST)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.4	3.0	4.4	2.[illegible]	.[illegible]						13.[illegible]	11.3
NNE	.9	1.[illegible]	2.[illegible]	.8								5.[illegible]	7.4
NE	.3	1.[illegible]	.5	.1	.1							2.[illegible]	7.[illegible]
ENE	.5	.5	.1	.1	.3							1.5	7.1
E	1.1	.9	2.[illegible]	2.8	1.5	2.1						10.[illegible]	13.7
ESE	.9	.1	1.4	2.8	2.3	.9	1.[illegible]				.1	9.4	15.1
SE	1.4	.[illegible]	.6	2.8	1.8	1.1	.6	.1	.1			9.3	15.[illegible]
SSE	.8	1.3	1.6	1.9	2.[illegible]	1.[illegible]	.1					8.7	12.9
S	.4	1.[illegible]	1.8	3.3	3.[illegible]	.9	.1					10.[illegible]	14.4
SSW		.1	.5	.5	.1	.4						1.6	14.2
SW		.1	.9	.3		.3						1.[illegible]	11.[illegible]
WSW		.5	.5	.5		.1						1.6	11.1
W	.4	.4	.4	.[illegible]		.4	.1					2.[illegible]	11.8
WNW	.3			1.[illegible]	.1	.1						1.5	12.9
NW	.1	.3	.8	1.1	.3		.1					2.5	11.8
NNW		.6	1.1	2.4	2.[illegible]	.3						6.4	14.2
VARBL													
CALM												12.3	
	7.9	11.5	17.1	25.[illegible]	15.4	8.3	2.1	.1	.1		.1	100.[illegible]	11.3

TOTAL NUMBER OF OBSERVATIONS 707

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] JAPC NENANA AFS AK — 73-74,77-82 (YEARS) — DEC (MONTH)

ALL WEATHER (CLASS)

[illegible] (CONDITION)

[illegible] (HOURS)

[illegible] KNOTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.4	3.1	5.8	1.1	.2	.3					14.2	11.0
NNE	.9	1.7	2.7	1.1								5.5	7.2
NE	.6	1.4	.5	.2	.2							2.7	8.3
ENE	.2	.2	.3	.5								1.3	7.9
E	.8	.6	1.8	3.1	2.4	.7	.2					9.8	13.5
ESE	.2		.8	3.4	2.3	1.2	.5	.3				9.2	17.7
SE	.5	.4	.8	1.4	2.0	2.5	.5					8.7	17.0
SSE	1.1	1.4	1.2	1.5	2.4	1.3	.3	.2				9.5	14.5
S	.2	1.2	2.2	2.6	2.7	1.5	.2					12.7	14.5
SSW	.3	.3	.5	.9	.3	.2						2.6	13.9
SW		.2	.3	.5	.2							1.1	11.9
WSW		.2	.2			.2						.5	12.2
W	.2		.3	.8		.2		.2				1.7	14.9
WNW		.2	.6	.3	.3	.2	.2					1.5	15.3
NW	.2		.2	1.4	.3	.2						2.3	14.3
NNW	.2	.2	.3	2.2	2.1	.2						4.9	15.7
VARBL													
CALM												13.3	
	6.1	11.2	14.8	25.2	16.3	10.4	2.3	.6				100.3	11.2

TOTAL NUMBER OF OBSERVATIONS 655

[illegible] PREVIOUS EDITIONS [illegible] ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 [illegible] | CAPE NEWENHAM AFS, AK | 73-82 YEARS | DEC MONTH

ALL WEATHER CLASS | [illegible] HOURS L.S.T.

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.9	5.3	3.7	.4	.2					13.9	13.4
NNE	1.2	1.5	2.1	.9	.4							6.2	8.1
NE	.4	1.7	.3		.1							1.9	5.7
ENE	.6	.7	.7	.4	.3							2.2	5.9
E	.6	1.3	2.7	3.0	1.3	.5	.3					9.8	12.1
ESE	.4	.3	.4	1.9	1.9	2.7	1.2	.1				9.0	19.3
SE	1.0	1.3	1.0	1.6	2.1	2.5	.1					9.8	15.1
SSE	.6	1.7	.7	1.8	1.6	2.8	.3	.1				9.6	18.6
S	.7	1.7	1.5	2.4	3.9	.9	.1					11.5	14.5
SSW	.7	.3	1.0	.9	.3	.1	.1					3.1	12.1
SW		.4	.4	.3								1.2	9.3
WSW	.1	.4	.3									.7	5.3
W	.4	.3	.9	.6	.3	.4						3.0	11.4
WNW	.1	.1	.4	.3		.3						1.3	12.1
NW	.1		.3	.6	.3	.3						1.6	14.7
NNW	.6	.4	.3	1.9	.9	.5	.1					4.9	14.1
VARBL													
CALM												12.3	
	9.1	11.3	15.0	21.9	16.4	11.7	2.7	.3				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 675

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-84 YEARS — [illegible] MONTH

ALL WEATHER CLASS — ALL HOURS L.S.T.

CONDITION

DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.[illegible]	2.5	4.6	2.[illegible]	.5	.1		.			[illegible].[illegible]	11.[illegible]
NNE	.8	1.3	1.6	1.3	.2							[illegible].[illegible]	8.[illegible]
NE	.6	.6	.6	.1	.1							1.9	6.9
ENE	.5	.5	.5	.3	.1		.0					2.[illegible]	7.[illegible]
E	.9	1.1	1.6	2.6	1.6	1.1	.2	.1				[illegible].[illegible]	13.[illegible]
ESE	.4	.4	1.0	3.0	2.1	1.[illegible]	1.[illegible]	.4	.1	.0	.	10.1	16.[illegible]
SE	.8	.7	.7	2.1	2.1	1.[illegible]	.7	.3	.			[illegible].[illegible]	17.[illegible]
SSE	.7	1.1	1.2	1.7	1.[illegible]	1.[illegible]	.2	.1				[illegible].[illegible]	14.[illegible]
S	.5	1.1	1.6	2.2	2.3	.8	.1					[illegible].[illegible]	13.5
SSW	.1	.3	.3	.5	.2	.2	.					.3	11.5
SW	.1	.2	.5	.4	.1	.2						1.4	10.5
WSW	.2	.2	.4	.4	.2	.1	.					1.3	9.9
W	.3	.3	.5	.7	.2	.2	.	.				2.4	11.3
WNW	.1	.2	.4	.6	.3	.1	.2					1.8	12.[illegible]
NW	.1	.2	.6	1.2	.4	.2	.1					2.5	13.6
NNW	.2	.5	.5	1.7	1.[illegible]	.4	.1					5.[illegible]	14.5
VARBL													
CALM												14.1	
	7.2	11.5	15.5	24.2	15.2	8.8	2.5	.8	.1	.0	.	100.[illegible]	11.5

TOTAL NUMBER OF OBSERVATIONS 668[illegible]

USAFETAC [illegible]

NAVAL CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

[illegible] CAPE NEWENHAM AFS AK — 73-82 — YEARS — ALL MONTH
STATION — STATION NAME — ALL WEATHER CLASS — ALL HOURS (LST)
CONDITION

DIR \ KNOTS	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.9	3.5	5.3	1.6	.7	.1	.1	.1			14.1	11.5
NNE	.5	.7	.9	.6	.3	.1	.1	.1				3.1	8.5
NE	.4	.5	.3	.1	.1	.1						1.4	6.3
ENE	.4	.3	.5	.2	.1	.1	.1					1.7	8.3
E	.8	1.3	1.9	1.8	.6	.3	.1	.1				6.9	11.5
ESE	.4	.7	1.7	2.8	1.8	1.4	.5	.2	.1	.1	.1	9.3	13.6
SE	.6	.9	1.4	2.1	1.4	1.1	.5	.2	.1			8.2	12.1
SSE	.5	1.4	1.3	2.4	1.3	.8	.2	.1	.1	.1		8.7	12.5
S	.6	1.7	2.8	3.4	1.4	.5	.1	.1				10.3	11.9
SSW	.3	.7	1.2	1.7	.3	.1	.1					3.5	10.3
SW	.1	.4	.7	.5	.1	.1	.1					1.7	9.5
WSW	.1	.4	.7	.4	.1	.1	.1	.1				1.8	9.2
W	.3	.3	1.1	.8	.1	.1	.1	.1				3.2	8.9
WNW	.3	.7	1.2	.7	.1	.1	.1					2.5	8.7
NW	.5	.7	1.2	1.3	.2	.1	.1					3.9	9.2
NNW	.3	1.2	1.4	2.1	1.1	.5	.1	.1				7.2	11.1
VARBL													
CALM												14.6	
	8.1	14.9	23.7	23.3	10.3	5.1	1.9	.5	.1	.1	.1	100.3	11.1

TOTAL NUMBER OF OBSERVATIONS 79783

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70350 CAPE NEWENHAM AFS AK 73-82 ALL
STATION STATION NAME YEARS MONTH

INSTRUMENT
CLASS
CIG 1400 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

KNOTS / MPH	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	2.2	2.9	1.4	.5	.2	.1	.1			9.3	11.5
NNE	.5	.7	.5	.4	.1	.1	.1					2.4	5.7
NE	.3	.3	.3	.1	.1	.1						1.2	5.4
ENE	.2	.3	.4	.2	.1	.1	.1					1.1	5.2
E	.3	.7	1.3	1.5	.5	.3	.1	.1				4.5	11.8
ESE	.1	.4	1.2	2.8	1.7	1.3	.7	.2	.1			8.4	17.2
SE	.2	.5	1.3	2.5	1.5	1.2	.5	.2	.1			7.7	15.5
SSE	.3	.9	2.1	3.3	1.9	1.1	.3	.1	.1	.0		9.9	14.5
S	.5	1.5	3.2	4.5	2.2	.8	.2	.1				12.3	13.7
SSW	.3	.7	1.5	1.6	.5	.2	.1					4.8	11.1
SW	.2	.5	.8	.8	.2	.1	.1					2.8	10.1
WSW	.1	.5	1.0	.7	.1	.1	.1	.0				2.6	10.2
W	.4	1.1	1.8	1.3	.2	.1	.1	.1				4.7	9.5
WNW	.3	.5	1.5	1.0	.1	.1	.1					3.8	9.1
NW	.5	1.1	1.5	1.3	.3	.1	.1					4.5	9.5
NNW	.4	1.2	1.8	2.6	1.2	.5	.1					8.0	11.1
VARBL													
CALM												17.2	
	5.6	12.9	32.2	27.3	12.3	6.5	2.3	.5	.2	.0		100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 28639

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

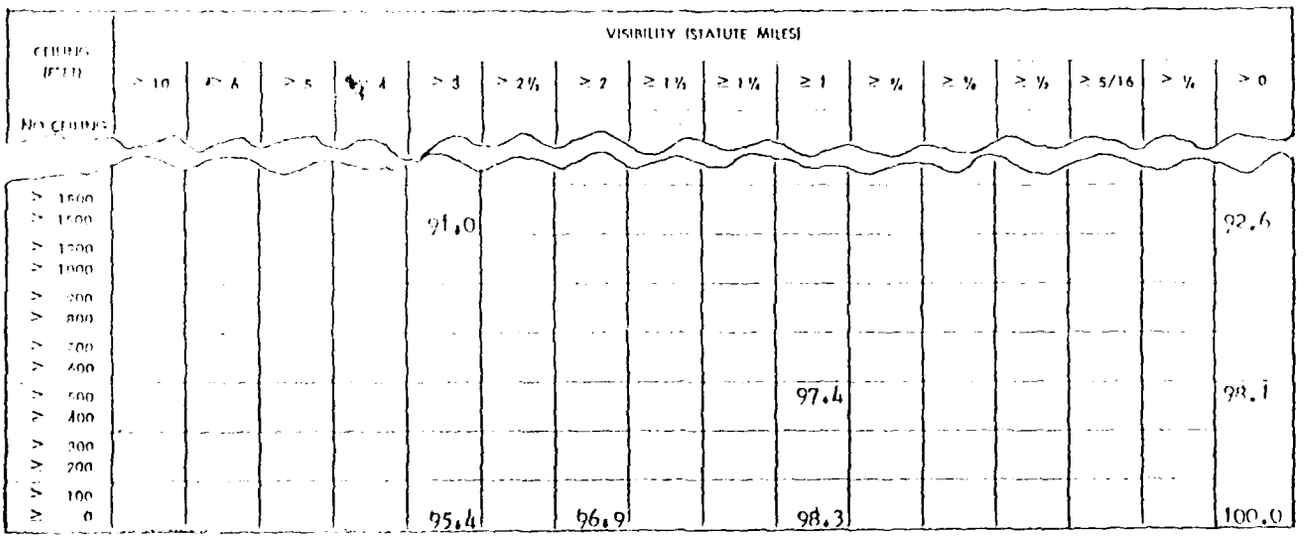
D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1960. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1960 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	> 10	> 8	> 5	> 4	> 3	> 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	> 0
No ceilings																
≥ 1500					91.0											92.6
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values *independently of visibility* under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

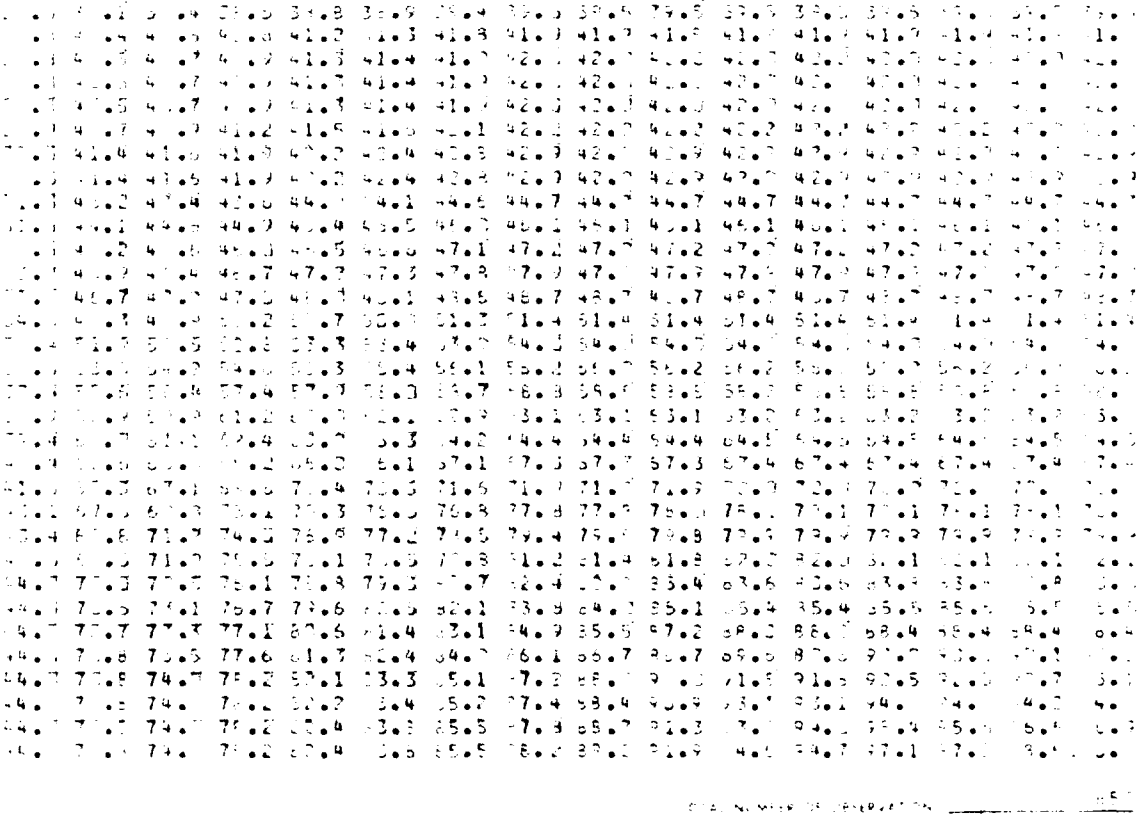
EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, *subtracted from 97.4 read from* the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

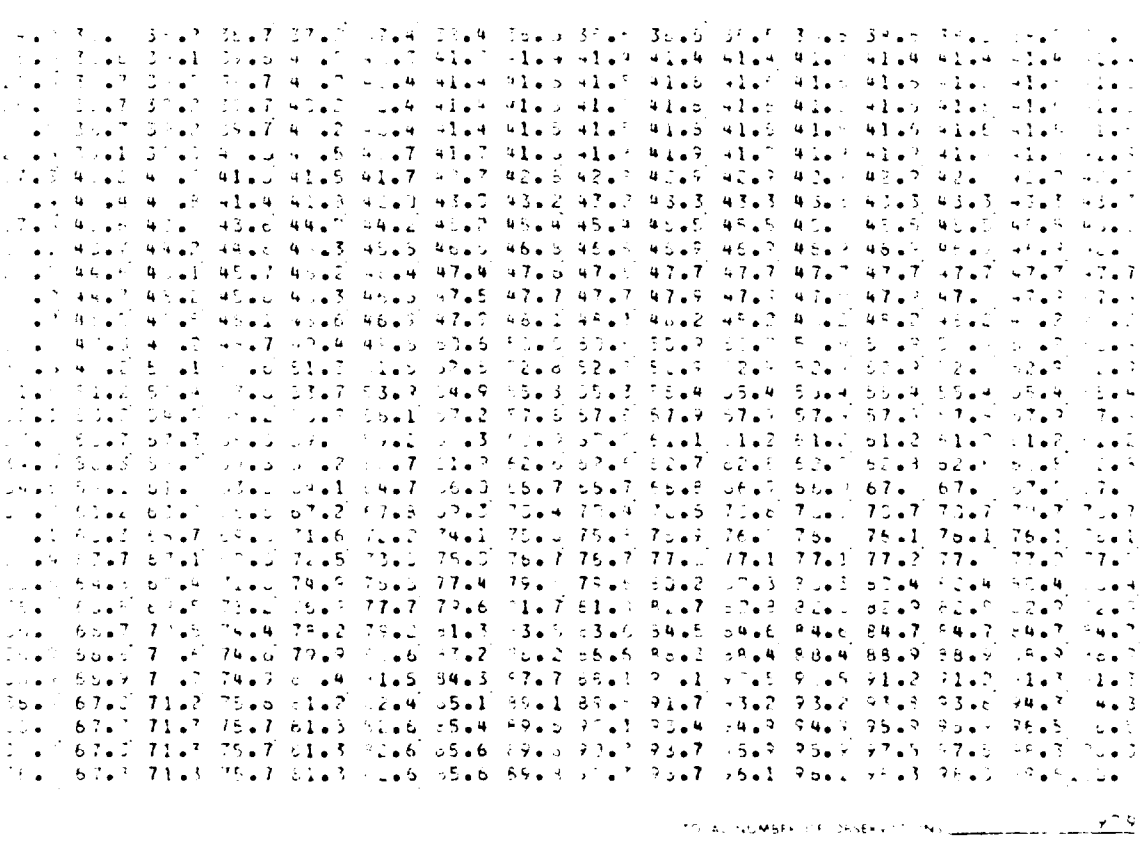
2

CEILING VERSUS VISIBILITY



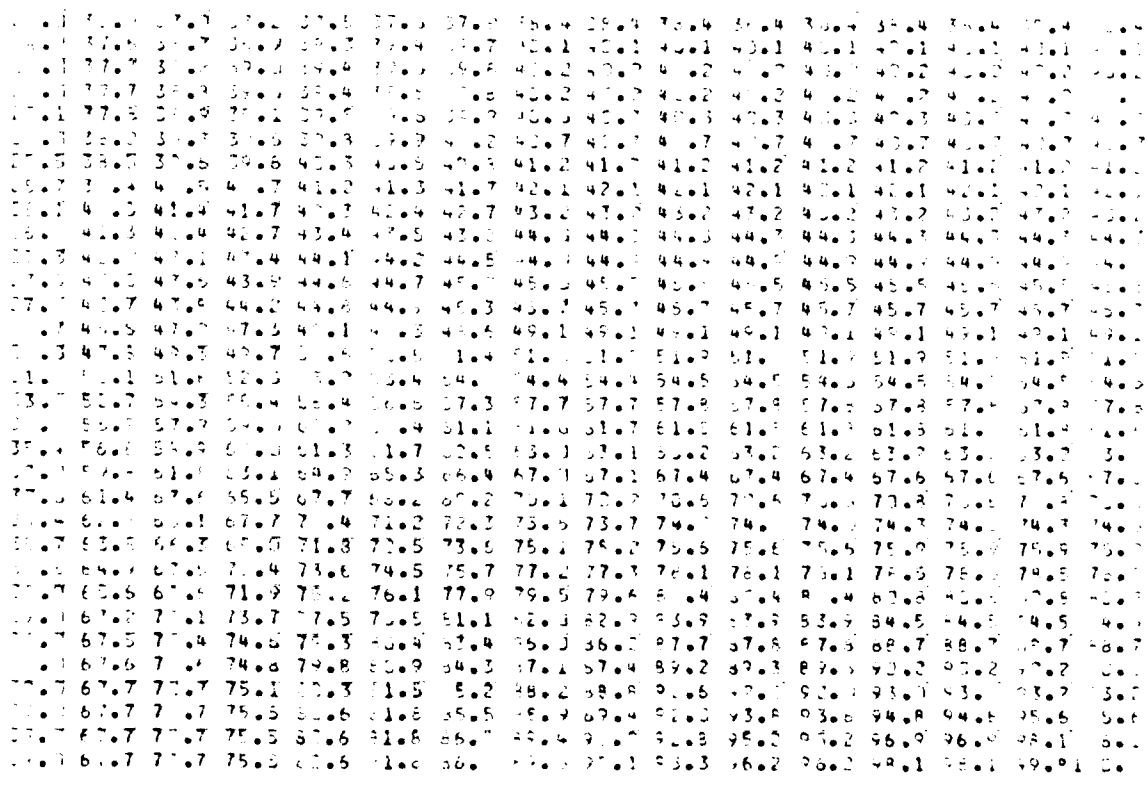
2

CEILING VERSUS VISIBILITY



2

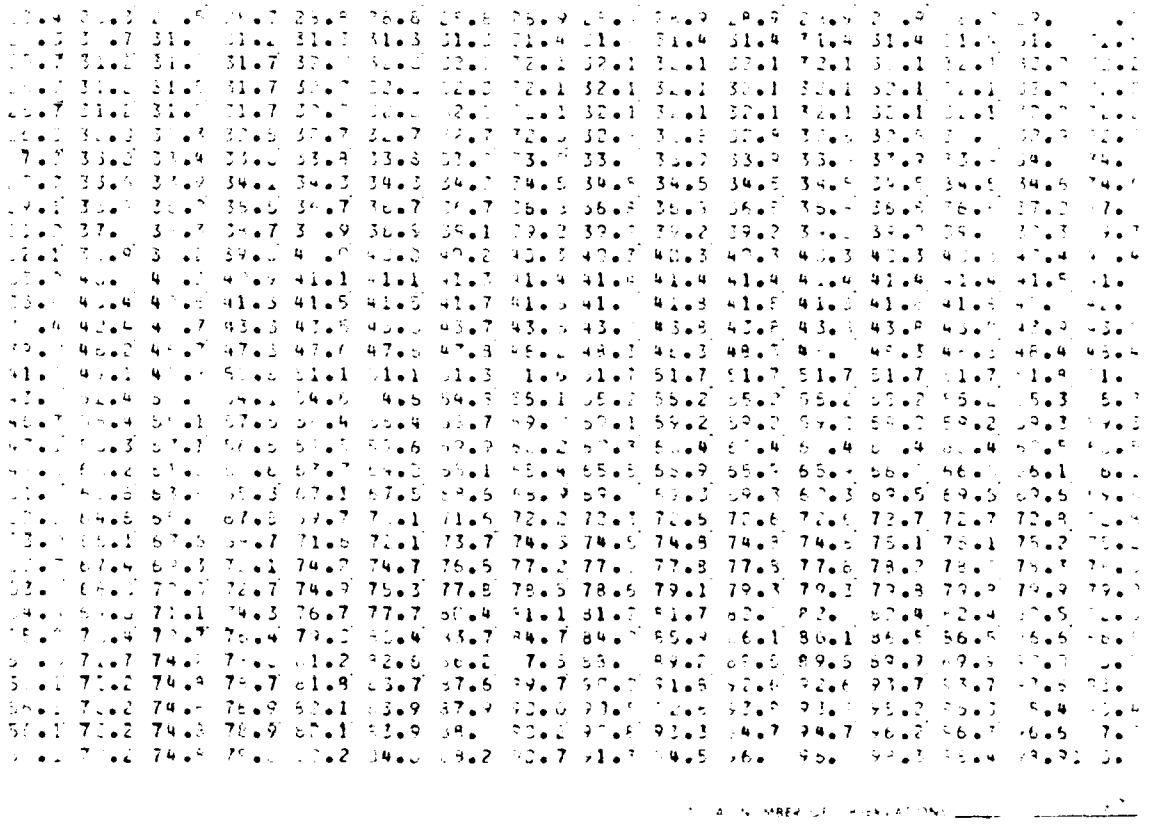
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS 917

2

CEILING VERSUS VISIBILITY



2

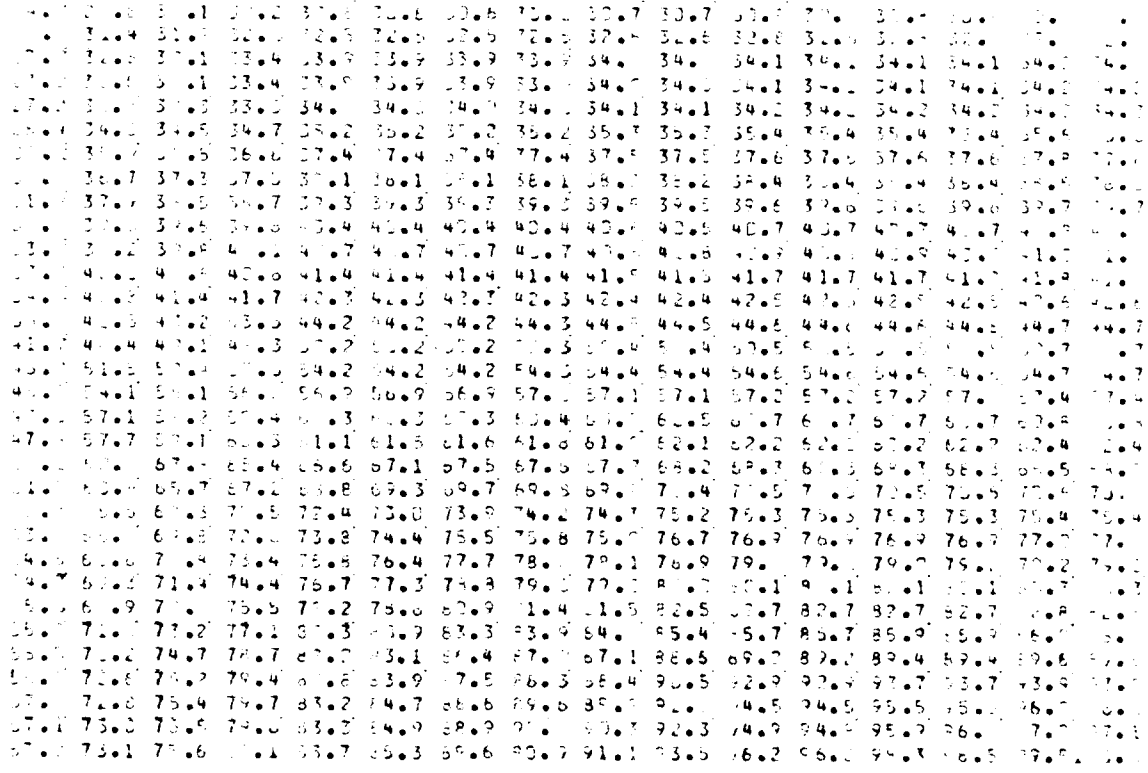
CEILING VERSUS VISIBILITY

24.7	28.3	2 .7	28.6	28.9	29.1	29.6	29.8	29.8	29.6	29.6	29.6	29.6	29.6	29.6	29.6	.0
27.1	31.3	31.7	31.8	32.1	32.2	32.6	32.8	32.8	32.6	32.6	32.6	32.6	32.6	32.6	32.6	.0
27.1	31.4	31.4	32.9	33.0	33.3	33.7	.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.	.0
27.6	31.4	31.7	32.9	33.0	33.3	33.7	.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.	.0
27.1	31.4	31.7	32.9	33.0	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0	.0
.1	33.5	33.7	33.8	33.9	34.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.9	.0
31.1	34.9	35.7	35.5	35.7	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.6	.0
31.1	35.1	35.3	36.5	36.6	36.8	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.6	.0
32.4	37.3	37.7	37.9	38.1	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.9	.0
33.1	39.1	39.1	39.1	39.2	39.6	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.5	40.6	.0
33.7	39.7	39.1	39.5	39.6	39.8	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.7	.0
34.1	39.5	39.9	40.2	40.4	40.7	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.7	41.7	.0
34.1	39.8	40.2	40.5	40.8	41.0	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	.0
37.1	41.1	41.4	42.7	43.1	43.3	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.5	44.6	.0
37.1	41.3	41.5	41.8	42.1	42.3	42.3	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	.0
40.1	43.1	43.7	44.1	44.4	44.6	45.3	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	.0
40.7	44.9	45.6	45.9	46.2	46.4	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.6	47.6	.0
.0	45.2	45.9	46.2	46.8	47.1	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.2	48.2	.0
1.3	47.5	48.1	48.1	48.6	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	.0
2.1	48.6	49.2	49.4	49.7	49.8	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	.0
2.8	49.7	50.3	50.4	50.5	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	.0
3.1	50.2	50.9	51.2	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	.0
3.1	50.2	50.9	51.2	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	.0
3.1	50.2	50.9	51.2	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	.0
3.1	50.2	50.9	51.2	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	.0
3.1	50.2	50.9	51.2	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	.0

TOTAL NUMBER OF OBSERVATIONS _____ 42

2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

25.1	27.3	28.1	28.1	28.1	28.1	28.1	28.3	28.3	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4
30.3	30.9	31.4	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2
32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.7	32.7	32.7	32.7	32.8	33.0	33.0	33.0	33.0	33.0
32.7	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3
32.7	32.9	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6
33.3	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
33.3	33.8	34.4	34.6	34.8	34.8	34.8	35.0	35.0	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3
34.7	34.7	35.3	35.7	35.9	35.9	35.9	36.1	36.1	36.1	36.3	36.3	36.4	36.4	36.4	36.4	36.4
34.7	34.8	34.9	37.5	37.5	37.5	37.5	37.7	37.7	37.7	37.8	37.8	38.1	38.1	38.1	38.1	38.1
37.1	37.1	37.7	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.6	38.6	38.8	38.8	38.8	38.8	38.8
39.1	39.1	39.1	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.7	39.7	39.8	39.8	39.8	39.8	39.8
41.1	41.9	42.5	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.5	42.5	42.6	42.6	42.6	42.6	42.6
40.7	41.7	41.9	41.9	41.9	41.9	41.9	41.1	41.1	41.1	41.3	41.3	41.4	41.4	41.4	41.4	41.4
43.1	43.6	43.2	43.3	43.8	43.8	43.8	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3
49.4	47.5	48.7	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4
51.5	51.9	52.1	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9
52.1	52.8	53.2	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.9	53.9	54.1	54.1	54.1	54.1	54.1
55.3	55.4	54.7	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6
53.4	54.2	55.6	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.7	57.7	57.8	57.8	57.8	57.8	57.8
52.3	57.8	59.7	62.1	62.1	62.3	62.3	62.7	62.8	62.8	63.1	63.3	63.3	63.4	63.4	63.4	63.4
48.4	61.1	63.3	65.8	65.9	66.3	66.9	67.1	67.2	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7
52.3	63.4	65.6	68.6	68.1	69.5	70.9	71.6	71.5	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3
47.7	62.3	67.7	71.2	72.8	71.3	72.7	73.4	73.4	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2
44.6	66.3	67.7	72.8	71.7	72.5	74.1	74.8	74.8	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6
57.7	66.1	69.6	72.3	73.1	74.1	75.9	76.7	76.7	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5
51.1	66.1	69.6	72.5	74.1	75.3	77.7	78.4	78.9	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4
51.3	67.5	70.5	74.4	76.6	77.5	80.3	81.4	81.4	81.9	82.7	82.7	83.0	83.1	83.2	83.2	83.2
51.7	68.8	71.9	76.1	78.8	80.6	83.9	85.1	85.2	85.6	86.4	86.4	85.7	86.7	86.7	86.7	86.7
51.7	67.1	72.2	76.6	80.3	81.9	86.1	87.8	88.3	89.1	90.2	90.2	91.4	91.4	91.4	91.4	91.4
52.2	67.5	73.7	77.3	81.8	82.7	87.2	89.4	89.9	90.8	92.3	92.3	93.6	93.6	94.1	94.1	94.1
52.7	68.5	73.7	77.3	81.1	83.0	87.5	89.8	90.3	91.3	93.3	93.3	95.3	95.5	96.3	96.7	96.7
52.2	67.5	73.7	77.6	81.3	83.3	88.8	91.1	91.7	92.0	95.2	95.2	97.3	98.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 64

1

CEILING VERSUS VISIBILITY

2

...AL CLIMATOLOGY BRANCH
...AC
2 ...ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...ARE NEWINGHAM AFB, MAINE 73-...

...ENCY OF OCCURRENCE ...
...NUMERATION

ALL

...6	...3	...3	...3	...3	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
...7	...3	...3	35.8	35.8	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
...7	...3	35.3	36.1	36.3	36.4	36.7	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.1	37.1	37.1
...7	...3	35.3	36.1	36.3	36.4	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1
...7	...3	35.3	36.1	36.4	36.5	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1
...7	35.9	36.4	36.7	37.1	37.1	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7
36.1	37.3	37.5	37.9	38.2	38.2	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.9	38.9	38.9
...1	37.6	38.1	38.6	38.8	38.9	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5
38.3	39.2	39.4	40.2	40.5	40.6	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2
39.7	40.4	41.1	41.6	41.8	41.9	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6
41.4	41.2	41.8	42.2	42.6	42.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4
42.1	41.9	42.5	42.9	43.3	43.4	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
42.5	42.4	43.1	43.5	43.8	43.9	44.3	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6
43.1	44.5	45.1	45.7	46.2	46.3	46.6	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0
37.1	43.4	44.2	46.7	47.3	47.5	48.3	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
45.3	51.7	51.7	52.5	52.9	53.1	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
47.1	53.4	54.4	55.4	55.9	56.1	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
48.0	54.3	55.3	56.3	56.8	57.0	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
48.4	54.7	55.8	56.9	57.4	57.7	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
44.1	55.6	56.7	57.8	58.3	58.4	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
48.4	56.9	58.0	59.1	59.6	59.7	60.1	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
48.5	57.0	58.1	59.2	59.7	59.8	60.2	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
48.5	57.1	58.2	59.3	59.8	60.0	60.3	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
44.1	56.6	57.7	58.8	59.3	59.4	59.7	61.3	61.6	61.8	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
48.4	60.0	61.2	62.3	62.8	63.0	63.4	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
47.1	62.4	63.7	64.9	65.5	65.7	66.1	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.7	66.7	66.8	66.8
47.3	63.0	64.3	65.6	66.2	66.4	66.8	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4
47.3	63.2	64.5	65.8	66.4	66.7	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
47.3	66.4	67.7	71.1	73.1	73.5	75.1	76.1	76.1	76.5	76.6	76.6	76.6	76.7	76.7	76.9	76.9	76.9
47.5	67.4	67.8	72.6	74.9	75.5	77.1	78.2	78.4	78.9	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3
47.3	68.1	70.2	73.5	76.2	76.9	78.8	80.0	80.2	80.6	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2
48.2	69.8	71.6	75.0	77.7	78.5	80.9	82.2	82.3	83.0	83.2	83.2	83.4	83.4	83.5	83.5	83.5	83.5
48.5	69.6	72.6	76.2	79.8	80.7	83.3	84.9	85.1	86.4	86.7	86.7	87.1	87.1	87.2	87.2	87.2	87.2
48.7	70.4	73.5	77.3	81.1	82.3	85.2	87.3	87.9	88.9	89.3	89.3	89.8	89.8	89.9	90.0	90.0	90.0
48.9	70.6	73.8	77.8	81.8	83.1	86.4	88.6	89.1	90.8	92.3	92.3	93.2	93.2	93.4	93.5	93.5	93.5
49.0	70.7	74.0	78.0	82.0	83.5	86.8	89.2	89.7	92.1	93.8	93.8	94.9	94.9	95.4	95.6	95.6	95.6
49.1	70.7	74.1	78.2	82.1	83.6	87.2	89.6	90.1	92.5	94.6	94.7	96.1	96.3	97.1	97.3	97.3	97.3
49.1	70.7	74.1	78.1	82.2	83.7	87.5	90.1	90.6	93.4	95.7	95.7	97.2	98.2	99.3	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 5906

2

CEILING VERSUS VISIBILITY

3	43	44	46	46	46	46	46	46	46	46	46	46	46	46	46	
34	43	44	46	46	46	47	47	47	47	47	47	47	47	47	47	
34	43	44	46	46	47	47	47	47	47	47	47	47	47	47	47	
35	44	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
35	44	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
35	44	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
35	46	48	49	49	49	49	49	49	49	49	49	49	49	49	49	
37	46	47	49	49	49	49	49	50	50	50	50	50	50	50	50	
37	47	47	50	50	50	50	50	50	50	50	50	50	50	50	50	
38	48	49	51	51	51	51	51	52	52	52	52	52	52	52	52	
38	48	50	52	52	52	53	53	53	53	53	53	53	53	53	53	
38	48	50	52	53	53	53	53	53	53	53	53	53	53	53	53	
42	52	51	53	54	54	54	54	54	54	54	54	54	54	54	54	
42	51	52	54	54	54	54	54	55	55	55	55	55	55	55	55	
42	52	54	56	55	56	57	57	57	57	57	57	57	57	57	57	
43	55	55	58	58	58	59	58	58	59	59	59	59	59	59	59	
44	56	57	60	60	61	61	61	61	61	61	61	61	61	61	61	
47	56	59	63	63	63	64	64	64	64	64	64	64	64	64	64	
46	58	62	63	64	64	64	64	64	65	65	65	65	65	65	65	
46	59	62	65	66	66	67	68	68	68	68	68	68	68	68	68	
47	61	63	67	71	71	72	72	72	73	73	73	73	73	73	73	
49	64	67	73	74	74	76	76	76	77	77	77	77	77	77	77	
49	66	67	75	77	77	79	79	79	80	80	80	80	80	80	80	
47	67	71	78	80	80	81	82	82	83	83	83	83	83	83	83	
	68	72	80	82	82	85	85	85	86	86	86	86	86	86	86	
	69	74	81	83	83	86	87	87	88	88	88	88	88	88	88	
1	71	75	83	85	85	89	90	91	91	91	91	91	91	91	91	
1	71	75	83	86	86	90	91	91	92	92	92	92	92	92	92	
1	72	75	84	87	87	92	93	94	95	96	96	96	96	96	96	
1	72	75	84	87	87	92	94	94	96	97	97	97	97	97	97	
1	71	75	84	87	88	92	94	95	96	97	97	97	98	98	98	
1	71	75	84	87	88	93	95	95	97	98	98	99	99	99	99	

A. NUMBER OF OBSERVATIONS 778

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

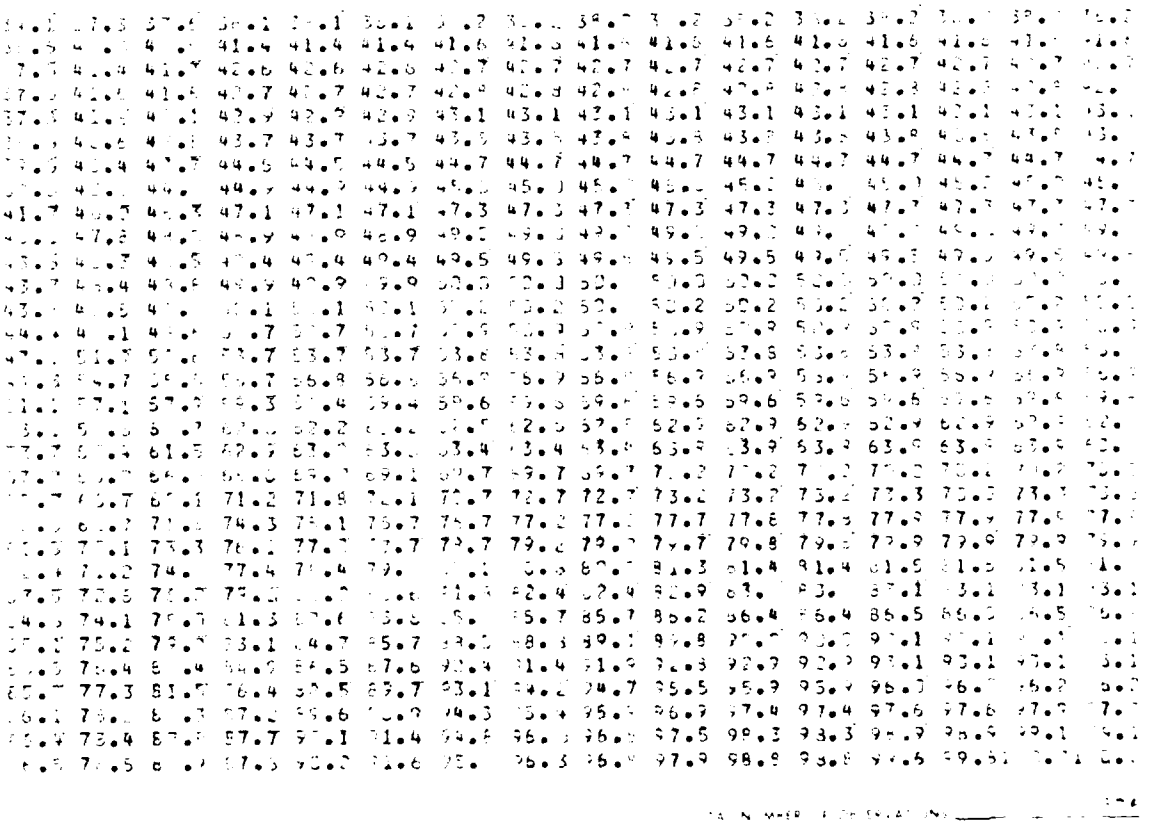
2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



2

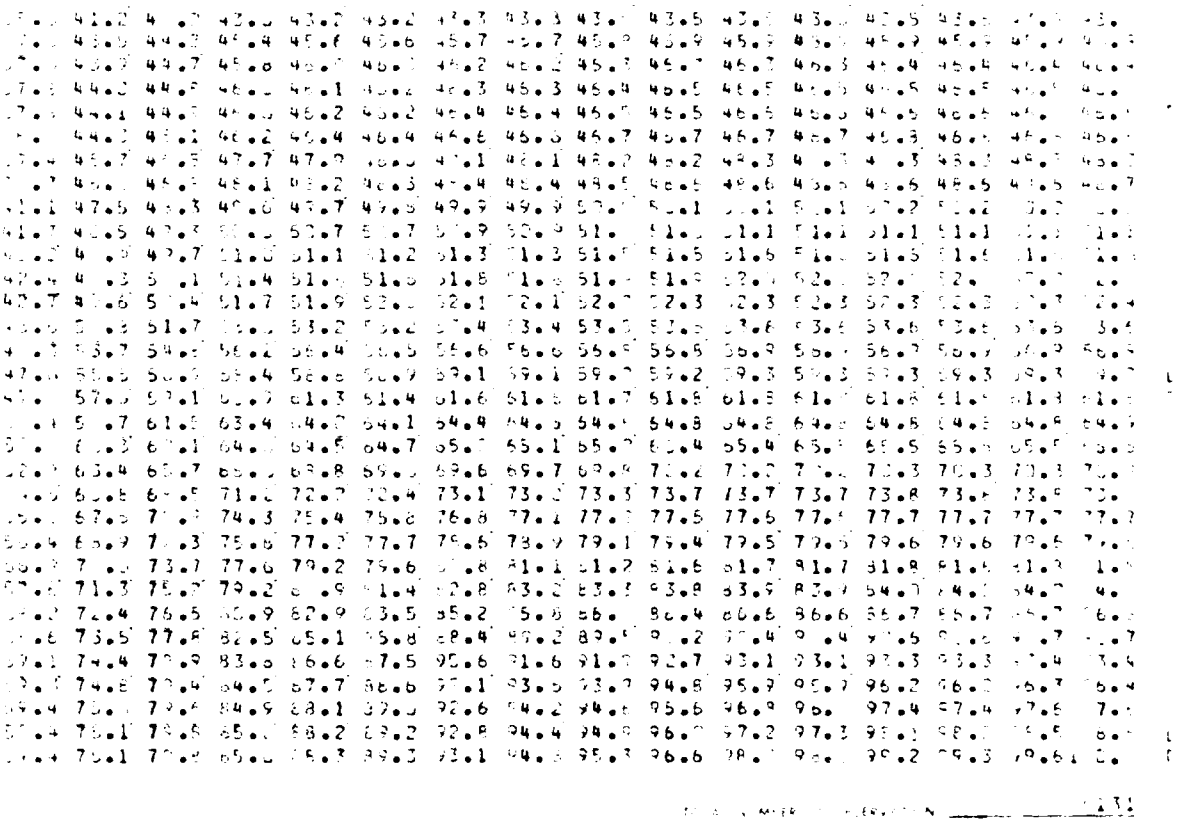
CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

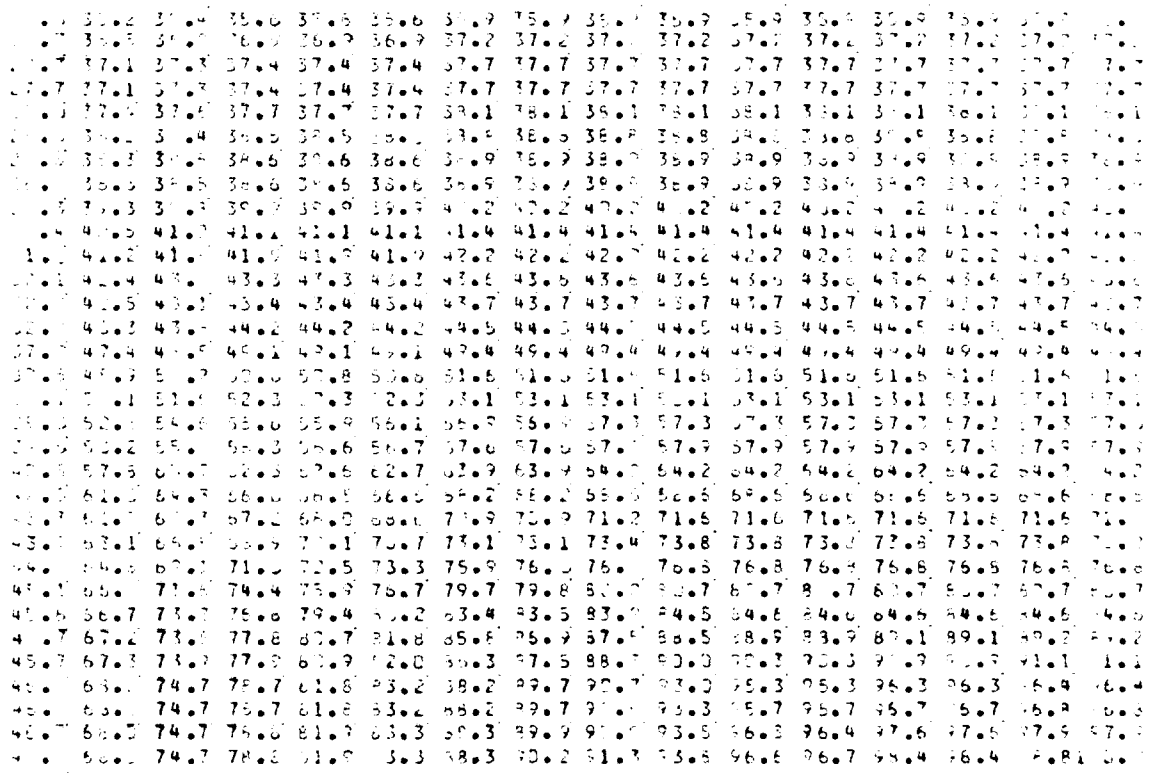


2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...CAPE NEWHAM AFS AK 73-65 ...

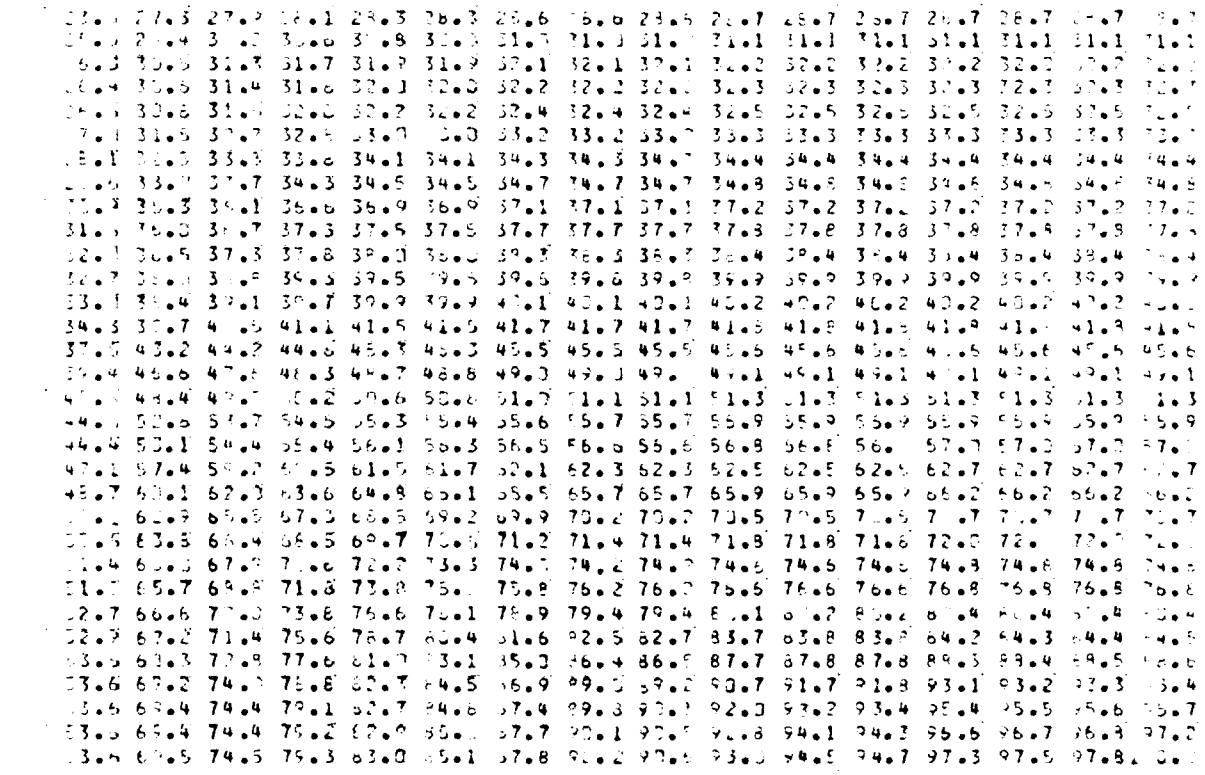
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3

2

CEILING VERSUS VISIBILITY

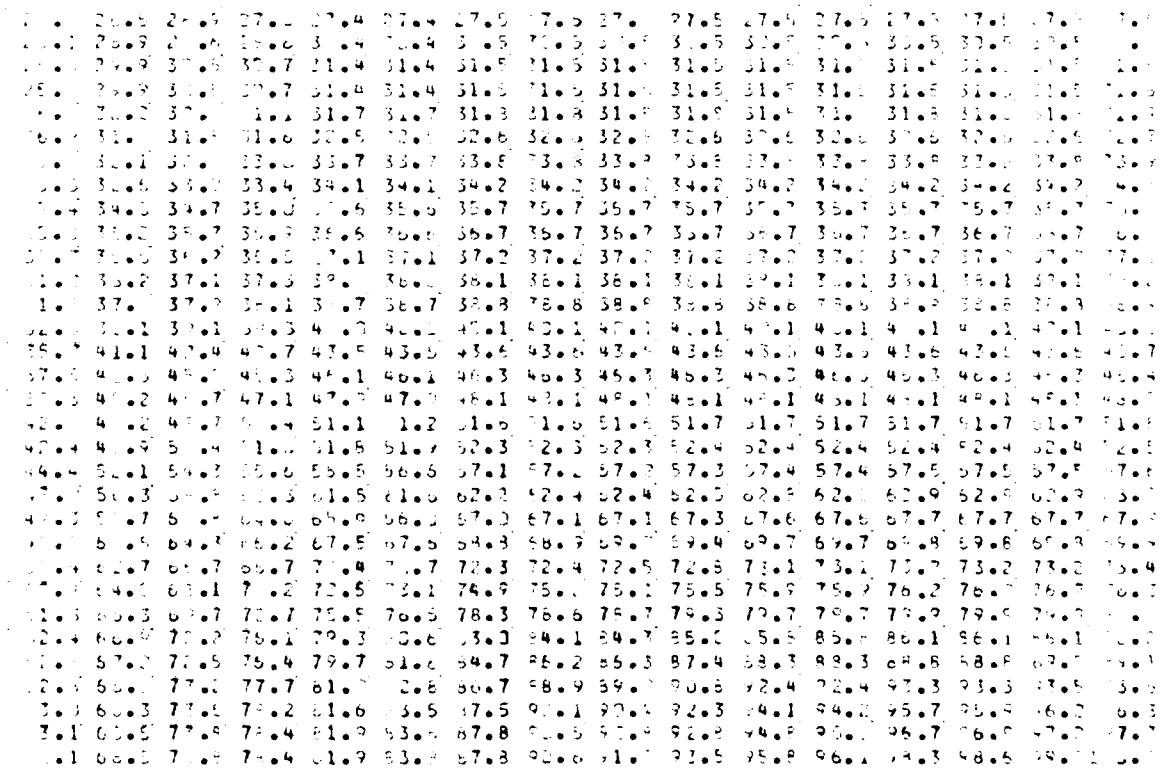
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS ____ 2723

2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

...AL CLIMATOLOGY BRANCH
...STAC
...EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...CAPE NEWENHAM, ALASKA 73-...

...PERCENTAGE FREQUENCY OF OCCURRENCE
...HOURLY OBSERVATIONS)

...7.3	34.7	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.
33.7	33.6	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.
31.2	34.1	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
31.4	34.4	34.5	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
31.4	34.5	34.7	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.
31.4	34.6	34.7	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.
31.7	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.
31.8	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.
33.5	37.1	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.
33.7	37.7	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.
34.1	37.9	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.
34.1	37.9	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.
34.7	38.5	38.7	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.
35.5	41.5	41.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.
35.7	44.7	45.1	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.
41.1	46.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.
42.4	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.
43.1	47.3	47.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.
43.7	47.7	51.7	51.6	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.
47.5	55.2	56.1	56.1	56.4	56.4	56.8	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.
47.1	56.2	59.1	60.3	60.6	61.0	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
47.1	56.1	61.1	62.6	62.9	63.4	64.1	64.2	64.4	64.5	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.
48.3	59.1	61.7	64.1	64.8	65.3	66.0	65.1	66.7	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.
48.3	61.3	63.7	66.3	66.8	67.3	68.3	68.6	68.7	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.
48.7	61.6	65.5	69.2	71.1	73.7	71.9	72.2	72.2	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.
49.3	62.3	67.2	71.7	73.0	73.8	75.7	76.1	76.2	77.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.
49.3	64.2	67.7	74.4	76.5	77.3	81.2	82.6	82.7	84.2	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.
49.7	64.4	68.8	74.6	76.8	77.7	81.9	84.5	84.5	86.4	86.9	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.
49.9	64.7	71.1	76.3	79.3	79.1	83.5	86.5	86.5	88.7	90.8	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.
49.9	65.2	71.2	76.4	79.7	79.5	84.1	87.1	87.3	89.3	92.3	92.7	93.9	93.9	93.9	93.9	93.9	93.9	94.
49.7	65.7	71.2	76.5	79.8	79.6	84.2	87.2	87.4	89.6	92.5	93.3	94.6	94.8	94.9	94.9	94.9	95.5	95.
49.7	65.6	71.2	76.5	79.8	79.6	84.2	87.3	87.4	89.1	92.4	93.5	95.2	96.1	97.6	98.1	98.1	98.1	98.

TOTAL NUMBER OF OBSERVATIONS 741

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

	25.1	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	
	26.3	26.5	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	
	26.5	26.6	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	
	26.5	26.6	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	
	26.1	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	
	26.1	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	
22.5	26.9	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	
	27.3	27.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
25.9	28.4	29.2	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
	30.3	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	
	30.6	31.4	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	
	31.7	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
29.7	31.7	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
28.4	33.8	34.5	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
31.3	37.7	38.9	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	
32.7	41.5	42.6	43.1	43.1	43.1	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
33.5	43.1	44.2	45.2	45.2	45.2	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
36.1	47.3	48.6	49.8	50.1	50.1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	
37.5	47.7	48.4	51.7	51.9	51.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
38.7	50.3	51.6	54.6	54.8	55.1	55.9	55.9	55.9	55.9	56.	56.	56.0	56.1	56.1	56.1	
39.7	53.5	56.7	58.3	59.6	58.9	59.8	59.8	59.8	59.8	60.	60.	60.0	60.1	60.1	60.1	
41.1	56.9	61.0	63.4	63.9	64.1	65.3	65.3	65.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	
42.1	58.5	62.6	65.1	65.7	66.2	67.3	67.5	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	
43.1	60.2	65.1	67.6	68.3	68.9	70.1	70.6	71.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	
43.8	61.7	67.7	69.8	71.6	71.7	73.1	73.4	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	
44.3	63.2	69.5	73.2	74.1	75.7	77.2	77.6	78.	78.8	79.1	79.1	79.1	79.1	79.1	79.1	
45.7	65.7	72.0	76.1	78.0	79.5	81.9	82.5	82.9	83.5	84.	84.0	84.7	84.8	84.8	84.8	
46.1	66.5	73.2	78.8	81.1	82.7	85.6	86.5	86.9	88.0	88.2	88.3	88.3	88.3	88.3	88.3	
46.7	66.8	73.5	79.1	81.5	83.2	86.4	87.5	88.7	89.3	91.1	91.1	92.4	92.4	92.4	92.4	
46.5	67.3	74.1	80.0	82.4	84.1	87.3	88.5	89.1	90.9	93.6	93.8	95.8	95.9	96.2	96.2	
46.5	67.3	74.1	80.1	82.5	84.2	87.4	88.9	89.8	91.3	94.3	94.3	97.7	97.8	98.8	98.5	
46.5	67.3	74.1	80.1	82.5	84.2	87.4	88.9	89.8	91.3	94.3	94.3	98.5	98.8	99.71	100.	

TOTAL NUMBER OF OBSERVATIONS 881

...L CLIMATOLOGY BRANCH
...TAC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... CAPE GEARHAM AFS AK 75-84 ...

... ESTIMATE FREQUENCY OF OCCURRENCE 1400- 0...
FROM HOURLY OBSERVATIONS

...1.7	22.7	27.3	22.8	22.9	23.1	27.2	23.2	23.3	23.2	23.2	23.2	23.2	23.2	23.7	3.3
...2.1	23.6	23.7	23.7	23.7	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
...2.1	24.0	24.1	24.1	24.1	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
...2.1	24.2	24.3	24.4	24.4	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	4...
...2.4	24.5	24.5	24.7	24.7	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2
...3.7	24.9	25.1	25.1	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5
...4.1	26.1	26.1	26.2	26.2	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.7
...5.4	26.5	26.7	26.8	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.
...6.3	27.7	27.8	28.0	28.0	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	...8
...7.6	29.7	29.9	30.1	30.1	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	...
27.7	29.8	29.9	30.3	30.3	30.5	30.6	30.8	30.9	30.8	30.8	30.9	30.8	30.9	30.9	...9
...9.1	31.1	31.2	31.5	31.5	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2
...9.1	31.2	31.7	31.6	31.6	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3
...0.9	32.3	33.1	33.5	33.5	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2
...1.1	35.9	39.3	39.9	39.9	40.2	40.8	40.8	40.9	40.8	40.8	40.8	40.8	40.9	40.9	41.1
...8.2	42.3	41.7	42.4	42.4	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4
4...	44.9	45.9	46.7	46.8	47.0	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
43.	47.2	5...6	52.1	52.1	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
44.3	49.6	51.5	52.9	53.1	53.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
47.3	54.2	56.3	58.3	58.9	59.2	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
47.9	5...3	59.4	61.6	61.3	61.5	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	3...
49.7	5...9	61.8	64.6	65.4	65.6	67.4	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67....
...	6...3	63.3	66.4	67.3	67.6	69.4	69.5	69.5	69.7	69.7	69.7	69.9	69.9	69.9	7...
51.7	61.9	64.2	66.7	69.7	7...2	72.1	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.6
2.2	62.9	66.4	69.9	71....	71.5	73.3	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.9
...3.3	64.5	6...4	72.9	74.6	75.6	77.5	77.8	78....	78.2	78.3	78.3	78.5	78.5	78.5	78.6
54.3	64.1	7...1	75.3	77.3	78.4	80.9	81.9	82....	82.5	82.7	82.8	83.2	83.2	83.4	83.5
...5....	67.2	71.3	76.9	79.1	80.4	83.6	84.8	84.9	85.4	85.8	85.9	86.5	86.6	87.3	87.1
55.5	67.7	72....	77.6	8...3	81.4	84.9	87.4	87.5	88.1	89.9	90.3	91.3	91.1	91.5	91.6
...5.6	67.8	72.3	78.2	8...9	82.6	86.4	89.1	89.3	9...2	93.3	93.5	95.4	95.5	96.1	96.3
...5.6	67.8	7...3	78.2	80.9	82.6	86.6	89.5	89.7	91.3	94.3	94.5	97.1	97.1	97.6	98.4
...5.6	67.8	7...3	78.2	80.9	82.6	86.6	89.7	89.9	91.2	94.6	94.8	97.8	97.9	98.71	2...

TOTAL NUMBER OF OBSERVATIONS 689

2

CEILING VERSUS VISIBILITY

21.1	24.1	27.4	22.6	22.6	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.
24.4	24.6	24.7	24.9	24.9	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
24.3	25.4	25.6	25.6	25.9	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
24.3	26.5	26.5	26.1	26.1	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.
24.3	26.7	26.1	26.3	26.3	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
24.7	26.3	26.3	26.5	26.5	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.
27.1	23.9	29.0	29.4	29.4	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
27.1	29.4	29.6	30.0	30.0	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
27.1	30.6	31.9	31.1	31.1	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.
30.3	32.0	32.4	32.6	32.6	32.6	33.0	33.0	33.	33.	33.	33.	33.	33.	33.	33.	33.
30.7	32.8	33.0	33.0	33.0	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.
32.7	34.9	35.3	35.3	35.5	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.	36.0	36.	36.
33.5	35.3	35.6	35.8	35.8	36.1	36.3	36.3	36.3	36.	36.3	36.3	36.3	36.3	36.3	36.3	36.3
34.3	37.	37.4	37.8	37.8	38.	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
40.3	41.9	42.5	43.9	43.9	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
41.	44.6	45.5	46.0	46.0	46.2	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
44.4	46.7	49.1	49.6	49.9	50.1	50.6	50.7	50.7	50.8	50.8	50.	50.	50.	50.	50.	50.
46.3	51.1	52.8	53.9	54.2	54.4	54.9	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.
47.4	52.4	54.4	55.5	55.7	56.	56.5	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
48.7	53.5	57.3	59.6	59.8	60.2	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
51.7	57.9	62.4	62.5	62.7	63.1	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
52.	59.6	62.9	64.5	65.1	65.7	67.2	67.5	67.5	67.8	68.0	68.	68.1	68.1	68.1	68.1	68.1
53.7	61.7	64.7	66.1	66.6	67.3	68.8	69.1	69.1	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7
56.1	64.3	67.5	71.0	72.9	73.0	73.3	73.6	73.7	73.9	74.4	74.4	74.5	74.5	74.5	74.5	74.5
56.3	64.7	68.7	72.7	71.6	72.5	73.9	74.3	74.4	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2
57.3	66.2	69.8	73.3	74.7	76.1	77.6	78.3	78.4	78.7	79.3	79.3	79.4	79.4	79.4	79.4	79.4
58.9	66.5	72.5	76.1	77.8	79.2	81.3	82.1	82.2	82.8	83.6	83.6	84.3	84.3	84.3	84.3	84.
59.3	69.7	73.7	77.5	79.6	81.5	84.7	85.6	85.7	86.4	87.5	87.5	88.2	88.2	88.2	88.2	88.
59.3	69.9	74.7	78.2	80.6	82.6	86.4	88.0	88.2	89.6	92.4	92.4	93.6	93.6	93.6	93.6	93.6
59.3	71.3	74.4	78.3	81.0	83.2	87.6	89.6	89.8	91.2	94.2	94.2	95.6	95.6	95.6	95.6	95.6
59.7	73.3	74.7	78.7	81.3	83.5	89.3	90.9	91.1	92.7	95.6	95.6	97.2	97.2	97.2	97.2	96.4
59.7	76.3	74.8	78.8	81.6	83.7	89.2	91.1	91.3	93.1	96.1	96.1	98.1	98.1	98.1	98.1	0.3

TOTAL NUMBER OF OBSERVATIONS 89

2

CEILING VERSUS VISIBILITY

L RAL CLIMATOLOGY BRANCH
...LTAC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... CAPE NEWENHAM AFS AK 73-75 ...

...

...	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	...
...	26.2	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	...
...	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	...
...	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	...
...	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	...
27.3	28.7	28.8	28.8	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	...	...	...
...	...	3 .4	3 .4	30.5	30.5	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	...
...	...	3 .4	3 .4	31.5	31.5	31.5	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	...
...	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	...
...	34.1	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	...
35.4	35.2	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	...
35.7	37.4	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	...
35.9	37.6	37.7	37.7	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	...
38.2	40.3	40.4	40.4	4 .5	40.5	40.5	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	...
42.3	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	...
44.3	46.6	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	...
46.1	49.5	49.9	50.2	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	...
46.6	51.2	51.7	52.1	52.5	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	...
47.4	51.7	52.7	53.3	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	...
51.1	57.0	58.2	59.2	59.9	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	...
54.7	61.4	63.0	63.9	64.7	65.0	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	...
55.2	61.6	65.5	66.7	67.7	68.2	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	...
56.3	65.3	67.4	68.6	69.6	70.2	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	...
58.4	68.4	70.9	72.2	73.2	73.9	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	...
59.2	69.5	72.2	73.8	74.9	75.7	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	...
59.7	70.2	73.1	75.6	77.1	78.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	...
61.3	71.8	76.4	79.7	82.0	82.9	85.2	85.5	85.5	85.8	85.9	85.9	86.2	86.2	86.2	86.2	86.2	...
61.6	73.3	77.1	80.5	84.0	85.1	87.9	88.6	88.6	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	...
61.7	73.6	77.5	81.1	85.0	86.9	90.5	91.6	91.8	92.7	93.6	93.6	94.0	94.2	94.2	94.2	94.2	...
62.4	74.3	78.4	82.2	86.2	88.3	91.9	93.1	93.3	94.4	95.4	95.4	96.1	96.3	96.4	96.4	96.4	...
62.4	74.3	78.4	82.7	86.8	88.6	92.8	94.1	94.2	95.7	96.6	96.6	97.4	97.7	98.0	98.2	98.2	...
62.4	74.3	78.4	82.7	86.8	88.6	93.0	94.5	94.8	96.4	97.8	97.9	99.2	99.4	99.91	100.	100.	...

TOTAL NUMBER OF OBSERVATIONS 561

AL CLIMATOLOGY BRANCH
TAC
AT [illegible] SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] JAMES [illegible] AFB, [illegible] 73-[illegible] AM[illegible]

[illegible] STATE FREQUENCY OF OCCURRENCE [illegible] 2100- 2[illegible]
FROM [illegible] OBSERVATIONS

[illegible]	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
23.0	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	[illegible]
24.7	25.9	25.9	26.0	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	[illegible]
24.[illegible]	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	[illegible]
25.1	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	[illegible]
26.4	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	[illegible]
27.6	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	[illegible]
[illegible]	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	[illegible]
29.4	30.7	30.9	31.0	31.0	31.0	31.0	31.0	31.[illegible]	31.0	31.0	31.[illegible]	31.0	31.0	31.0	31.[illegible]	[illegible]
[illegible].3	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.[illegible]	32.0	32.0	32.0	[illegible]
[illegible].7	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	[illegible]
31.[illegible]	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	[illegible]
32.[illegible]	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	[illegible]
34.[illegible]	36.2	36.4	36.5	36.5	36.5	36.5	36.5	36.[illegible]	36.5	36.5	36.5	36.5	36.5	36.5	36.5	[illegible]
37.6	39.3	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	[illegible]
39.[illegible]	41.[illegible]	41.1	41.4	41.5	41.5	41.5	41.5	41.[illegible]	41.5	41.5	41.5	41.5	41.5	41.[illegible]	41.5	[illegible]
[illegible]	43.1	43.7	43.9	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	[illegible]
41.[illegible]	45.6	46.4	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	[illegible]
42.[illegible]	46.5	46.6	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	[illegible]
49.2	50.0	51.[illegible]	52.2	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	[illegible]
47.[illegible]	5[illegible].2	57.[illegible]	58.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]
61.2	5[illegible].5	61.[illegible]	62.7	63.8	63.6	64.1	64.3	64.[illegible]	64.3	64.3	64.3	64.3	64.3	64.3	64.3	[illegible]
72.5	61.2	6[illegible].1	64.8	65.8	66.2	65.6	66.7	66.7	66.7	66.[illegible]	66.[illegible]	66.8	66.8	66.8	66.8	[illegible]
64.[illegible]	64.7	66.7	66.6	69.8	7[illegible].6	71.2	71.3	71.7	71.3	71.4	71.4	71.4	71.4	71.4	71.4	[illegible]
55.7	66.2	66.5	72.4	72.[illegible]	72.7	73.6	73.8	73.[illegible]	73.9	73.9	73.9	73.9	73.9	73.9	73.9	[illegible]
56.[illegible]	67.7	72.9	73.6	75.4	76.2	77.6	77.7	77.7	77.7	78.[illegible]	7[illegible]	7[illegible]	78.[illegible]	78.[illegible]	7[illegible]	[illegible]
64.6	7[illegible].7	74.1	78.2	82.[illegible]	[illegible].6	83.6	84.6	84.[illegible]	84.9	85.3	85.3	85.7	85.[illegible]	85.7	85.7	[illegible]
[illegible].6	7[illegible].6	7[illegible].5	77.6	81.9	82.7	85.8	87.2	87.[illegible]	87.5	87.8	87.8	88.2	88.2	88.2	88.[illegible]	[illegible]
59.7	71.7	75.5	81.[illegible]	83.[illegible]	83.7	87.3	89.[illegible]	89.4	89.9	91.4	91.4	92.1	92.2	92.2	92.[illegible]	[illegible]
[illegible].[illegible]	72.6	76.4	81.2	84.[illegible]	84.9	88.6	9[illegible].5	90.[illegible]	91.7	93.6	93.6	94.2	94.5	94.5	94.5	[illegible]
60.6	72.6	76.6	81.4	84.4	5.3	89.4	91.4	91.[illegible]	93.1	95.[illegible]	95.6	96.7	96.9	96.9	96.[illegible]	[illegible]
[illegible].5	72.6	7[illegible].6	81.7	84.6	85.5	89.9	91.7	92.[illegible]	93.9	96.[illegible]	96.[illegible]	99.7	99.[illegible]	99.5[illegible]	3.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 78[illegible]

[illegible]

2

CEILING VERSUS VISIBILITY

...AL CLIMATOLOGY BRANCH
...STAT
2 ...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...CARY GLENNHAM AFB AP 72-...

...RELATIVE FREQUENCY OF OCCURRENCE
...HOURLY OBSERVATION

ALL

...7	25.1	27.7	28.5	27.1	28.0	28.6	28.5	28.0	28.6	28.6	28.6	28.6	28.4	27.6	25.5	
...6	26.4	26.7	26.6	26.9	26.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	
26.7	26.2	26.4	26.6	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	26.8	26.1	
26.7	26.3	26.5	26.7	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	
26.7	26.4	26.7	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	
4.3	27.0	27.1	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
28.0	28.3	28.6	28.8	28.8	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	
26.1	29.7	29.7	29.2	29.2	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	
27.7	31.2	31.6	32.0	32.0	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.7	
28.5	31.6	31.2	32.4	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	
5.1	32.2	32.6	32.9	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
2.5	33.8	34.2	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	
33.7	34.1	34.4	34.7	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
32.4	35.5	36.3	36.7	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	
36.7	40.5	41.0	41.5	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	
39.2	42.6	43.2	43.6	43.8	43.9	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
38.8	44.9	45.7	46.6	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
41.4	48.1	49.3	50.3	50.5	50.6	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
42.7	48.6	51.3	51.5	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
44.5	52.6	54.4	56.0	56.5	56.8	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
47.0	56.2	59.5	60.3	61.0	61.1	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	
48.9	58.9	61.3	63.8	64.6	64.9	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2	
49.9	62.4	63.4	65.6	66.4	66.8	67.7	67.9	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.3	
51.5	63.1	66.4	68.9	69.8	70.4	71.4	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.1	
53.2	64.2	67.0	70.6	71.6	72.4	73.5	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	
53.1	66.5	69.9	73.3	74.7	75.6	77.2	77.6	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	
54.7	67.8	72.6	76.7	78.5	79.7	82.2	82.9	83.1	83.6	83.9	83.9	84.3	84.4	84.4	84.4	
54.7	68.8	73.9	78.5	81.0	82.4	85.4	86.6	86.7	87.4	87.8	87.8	89.2	89.2	89.3	89.3	
55.7	69.1	74.4	79.1	81.9	83.4	86.9	88.5	88.9	89.9	91.6	91.7	92.6	92.7	92.8	92.8	
55.6	69.7	75.1	79.9	82.7	84.4	88.2	90.0	90.4	91.7	93.9	94.1	95.3	95.4	95.6	95.7	
55.6	69.8	75.1	80.1	83.1	84.7	88.8	90.7	91.1	92.6	95.1	95.2	97.0	97.1	97.5	97.8	
55.6	69.8	75.1	80.1	83.2	84.8	89.0	91.0	91.4	93.1	95.9	96.0	98.4	98.6	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS _____ 2065

[illegible] CLIMATOLOGY BRANCH
[illegible]

2 [illegible] ATMOS SCIENCES/MSC

CEILING VERSUS VISIBILITY

[illegible] CAPE KENNEDY AFS, FL 73-[illegible] MAY

[illegible] BASED ON [illegible] OBSERVATIONS
[illegible] HOURS [illegible] LOCAL STANDARD TIME

[illegible]	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.5	[illegible]	29.5	29.5	[illegible]
30.7	30.8	30.8	30.8	30.8	30.8	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	[illegible]
30.7	30.8	30.8	30.8	30.8	30.8	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	[illegible]
[illegible]	30.8	30.8	30.8	30.8	30.8	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	[illegible]
31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6
[illegible]	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	[illegible]	32.1
33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7
[illegible]	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	[illegible]
32.5	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	[illegible]
34.1	37.4	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	[illegible]
35.5	37.1	39.3	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	[illegible]
[illegible]	41.7	41.[illegible]	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
39.7	41.1	41.7	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	[illegible]
[illegible]	41.6	42.0	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	[illegible]
43.7	45.5	45.7	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	[illegible]
[illegible]	51.2	51.[illegible]	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	[illegible]	[illegible]
47.9	54.7	54.7	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	[illegible]	[illegible]	[illegible]
[illegible]	57.8	58.9	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	[illegible]
53.4	60.7	61.7	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	[illegible]
55.7	66.2	66.2	66.7	66.9	66.9	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.2	66.2	66.2	66.2	66.2	[illegible]
[illegible]	67.5	69.8	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	[illegible]
[illegible]	71.1	71.2	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	[illegible]
[illegible]	71.5	73.7	75.5	75.8	76.[illegible]	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	[illegible]
[illegible]	74.[illegible]	76.3	78.3	78.6	78.8	78.9	78.9	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	[illegible]
73.7	75.1	77.9	79.9	80.1	80.3	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	[illegible]
[illegible]	75.6	78.5	80.4	80.7	80.9	81.5	81.6	81.7	82.[illegible]	82.1	82.1	82.1	82.1	82.1	82.1	[illegible]
[illegible]	75.[illegible]	82.7	83.3	83.6	84.2	85.2	85.4	85.[illegible]	85.7	85.8	85.8	85.8	85.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	79.4	84.9	85.4	86.1	86.7	87.8	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	[illegible]
86.7	87.4	84.1	87.1	88.1	88.6	91.6	91.6	91.8	92.[illegible]	93.2	93.2	93.3	93.3	93.3	93.3	[illegible]
[illegible]	81.4	85.4	88.6	89.7	91.4	92.5	93.6	93.8	94.6	95.9	95.9	96.1	96.1	96.1	96.1	[illegible]
85.5	81.4	85.6	88.6	89.7	90.4	92.6	93.5	94.[illegible]	94.8	96.5	96.5	97.2	97.2	97.3	97.4	[illegible]
[illegible]	81.4	85.6	88.6	90.0	90.9	93.2	94.5	94.7	95.9	97.8	98.4	99.2	99.[illegible]	99.4	[illegible]	[illegible]

[illegible] NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

MAY

	24.8	25.	25.2	25.	25.	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.	25.	
.3	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	
.4	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	
.4	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	
.7	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
.	27.3	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
27.5	28.9	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	
.7	29.2	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	
.6	30.4	30.	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	
30.4	32.	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	
.7	3 .7	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	
32.7	34.6	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
.7	34.	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	
34.	36.1	37.	37.	37.	37.	37.	37.	37.	37.	37.	37.	37.	37.	37.	
.3	42.4	43.2	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
43.	46.1	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
46.	49.5	5 .9	51.3	51.3	51.3	51.3	51.3	51.	51.3	51.3	51.3	51.3	51.3	51.	
.6	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.	
.7	56.6	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
.6	60.8	61.7	62.2	62.2	62.2	62.2	62.2	62.	62.2	62.2	62.2	62.2	62.2	62.	
5.9	64.5	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
.	67.5	69.9	70.6	70.6	70.6	70.6	70.6	70.	70.6	7 .6	7 .6	7 .6	7 .6	7 .	
32.2	69.4	71.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.	
.5	71.7	73.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
4.7	73.	75.2	77.2	77.	77.	77.2	77.2	77.	77.2	77.2	77.2	77.2	77.2	77.2	
.1	73.6	76.2	77.9	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
.2	76.2	78.9	80.9	81.5	81.9	83.0	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	
6.	77.9	8 .9	83.	84.4	84.9	86.2	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	
7.4	78.6	80.2	84.5	86.3	87.1	88.9	89.9	90.	90.9	92.2	92.2	92.2	92.2	92.2	
.	79.2	82.9	85.3	87.2	87.9	89.9	91.2	91.3	92.3	94.2	94.2	94.7	94.7	94.7	94.7
5.	79.5	83.3	85.9	87.7	88.5	90.8	92.1	92.2	93.3	95.7	95.7	96.5	96.6	96.8	96.
6.3	79.7	83.6	86.2	88.3	89.3	91.4	92.9	93.	94.2	96.7	97.	98.5	98.6	99.1	99.

TOTAL NUMBER OF OBSERVATIONS 2112

CEILING VERSUS VISIBILITY

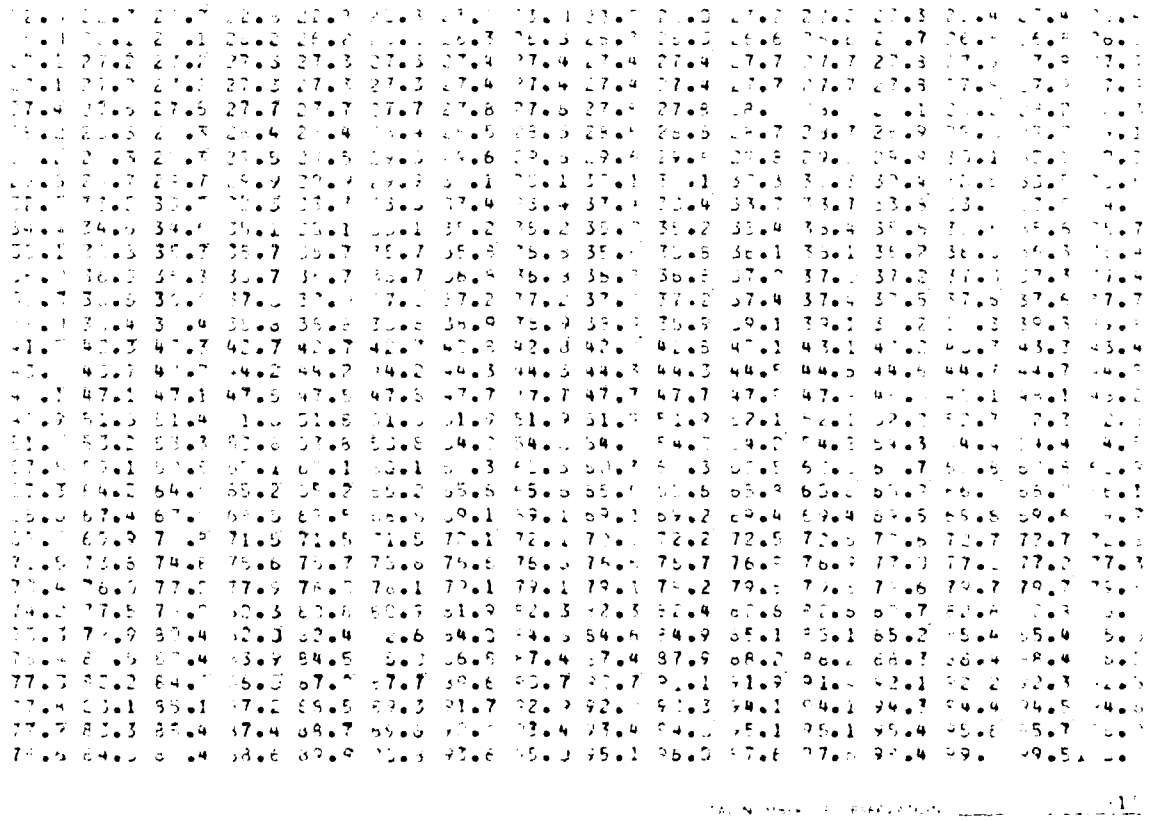
[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible] [

2

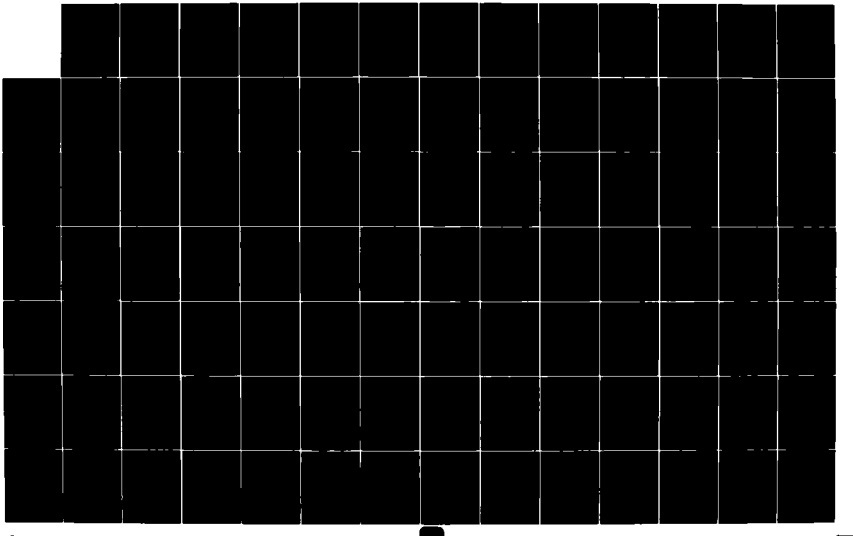
CEILING VERSUS VISIBILITY

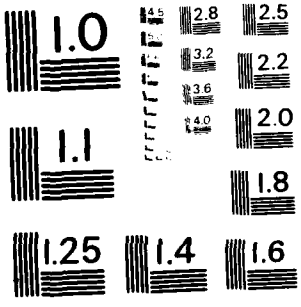


AD-A131 192 CAPE NEWENHAM AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83

UNCLASSIFIED USAFETAC/DS-83/019 SBI-AD-E850 397 F/G 4/2 NL

3/5





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

[illegible] CLIMATOLOGY BRANCH
[illegible]

2 [illegible]

CEILING VERSUS VISIBILITY

[illegible] 73-07 MAY

[illegible] FREQUENCY OF OCCURRENCE
[illegible] OBSERVATIONS

[illegible]	22.3	23.7	23.3	23.3	23.3	23.5	23.6	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	[illegible]
[illegible]	26.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	[illegible]
[illegible]	28.0	28.0	28.0	28.0	28.0	28.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	[illegible]
[illegible]	29.0	29.0	29.0	29.0	29.0	29.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	[illegible]
[illegible]	27.0	27.0	27.8	27.8	27.8	27.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	[illegible]
[illegible]	29.0	29.6	29.6	29.6	29.6	29.6	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	[illegible]
[illegible]	30.0	30.0	30.0	30.0	30.0	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	[illegible]
[illegible]	30.0	30.0	30.0	30.0	30.0	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	[illegible]
[illegible]	33.0	33.5	33.5	33.5	33.5	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	[illegible]
[illegible]	34.5	34.5	34.5	34.5	34.5	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5	[illegible]
[illegible]	36.0	36.0	36.0	36.0	36.0	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	[illegible]
[illegible]	37.0	37.7	37.7	37.7	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	[illegible]
[illegible]	37.7	38.0	38.0	38.0	38.0	38.1	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	[illegible]
[illegible]	39.0	39.5	39.8	39.4	39.5	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	[illegible]	[illegible]	[illegible]
[illegible]	43.0	43.4	43.4	43.5	43.5	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	[illegible]
[illegible]	44.0	44.7	44.8	44.8	44.8	[illegible]	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	[illegible]
[illegible]	48.1	48.8	48.8	48.8	48.8	48.8	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	[illegible]
[illegible]	52.0	52.3	52.4	52.6	52.7	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	[illegible]
[illegible]	54.3	54.7	54.8	55.0	55.0	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	[illegible]
[illegible]	59.4	59.2	59.4	60.0	60.1	[illegible]	60.6	60.6	60.6	60.6	60.6	60.6	60.6	[illegible]	[illegible]	[illegible]
[illegible]	65.4	65.4	65.6	66.0	66.7	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	[illegible]
[illegible]	67.8	67.8	67.9	68.9	69.3	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	[illegible]
[illegible]	72.5	72.5	72.5	72.5	72.5	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	[illegible]
[illegible]	73.0	73.0	73.7	74.0	75.4	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	[illegible]
[illegible]	74.5	75.6	76.7	77.3	77.4	78.0	78.0	79.0	79.0	78.0	78.0	78.0	78.0	79.1	79.1	[illegible]
[illegible]	76.4	77.6	79.3	80.0	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	[illegible]
[illegible]	77.3	78.8	81.9	83.2	83.6	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	[illegible]
[illegible]	81.2	81.7	84.2	85.7	86.6	88.3	88.4	88.5	88.6	89.0	89.0	89.0	89.1	89.1	89.1	[illegible]
[illegible]	84.2	84.0	86.7	88.4	89.6	91.8	92.2	92.7	92.8	93.4	93.4	93.4	93.5	93.5	93.5	[illegible]
[illegible]	88.1	89.7	88.2	89.9	91.2	93.4	93.9	94.3	94.9	95.8	95.8	95.8	96.1	96.1	96.2	[illegible]
[illegible]	89.3	89.6	88.6	90.4	91.6	94.1	94.6	95.0	95.7	96.9	96.9	96.9	97.1	97.1	97.3	[illegible]
[illegible]	94.1	94.4	89.7	91.7	93.2	95.5	96.1	96.5	97.6	99.0	99.1	99.2	99.4	99.7	[illegible]	[illegible]

[illegible] NUMBER OF OBSERVATIONS 652

1

2

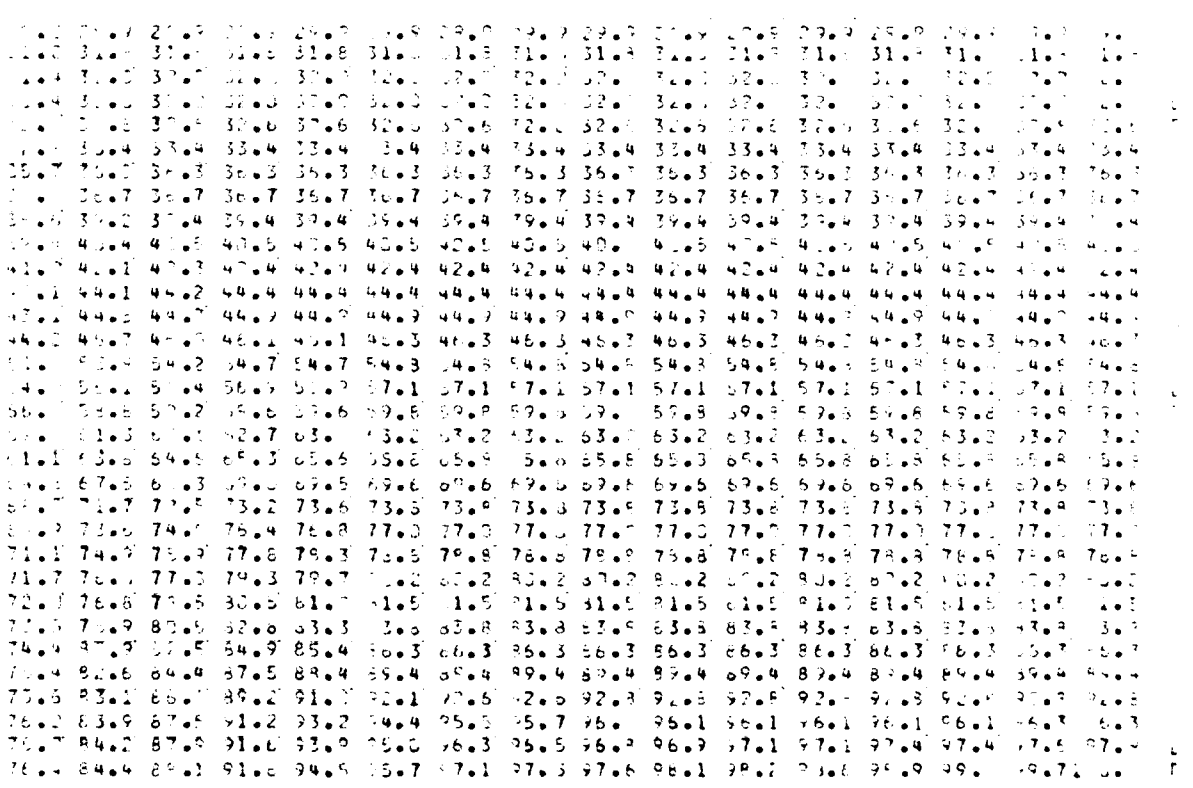
CEILING VERSUS VISIBILITY

27.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.1	46.3	46.3	46.3	46.3
53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9
54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.5
58.5	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.6
63.5	63.6	64.1	64.4	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1
67.4	67.6	67.8	68.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.9	68.9	68.9	68.9
72.9	72.6	73.0	74.3	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6
73.0	73.4	74.3	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1
73.9	73.6	76.9	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6
74.6	77.6	78.9	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7
75.7	78.1	79.3	80.5	80.7	80.7	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
77.4	79.8	80.1	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3
78.7	80.4	81.8	83.6	84.7	85.2	85.3	85.6	85.8	86.0	86.1	86.2	86.1	86.1	86.3	86.3	86.3	86.3
79.2	81.3	84.1	86.0	87.6	88.2	89.6	90.3	90.7	90.4	90.6	90.8	90.8	90.7	90.7	90.7	90.7	90.7
79.1	80.1	86.3	87.9	89.3	91.2	92.2	92.8	93.1	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
79.6	84.1	87.4	89.6	91.2	93.3	94.4	95.2	95.8	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
79.5	84.1	88.6	90.3	91.4	93.5	94.7	95.5	96.1	96.7	96.8	96.8	96.8	96.8	97.0	97.1	97.1	97.1
79.2	84.5	87.1	90.0	92.3	94.4	95.7	96.5	97.1	97.9	98.4	98.4	98.6	98.7	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 627

2

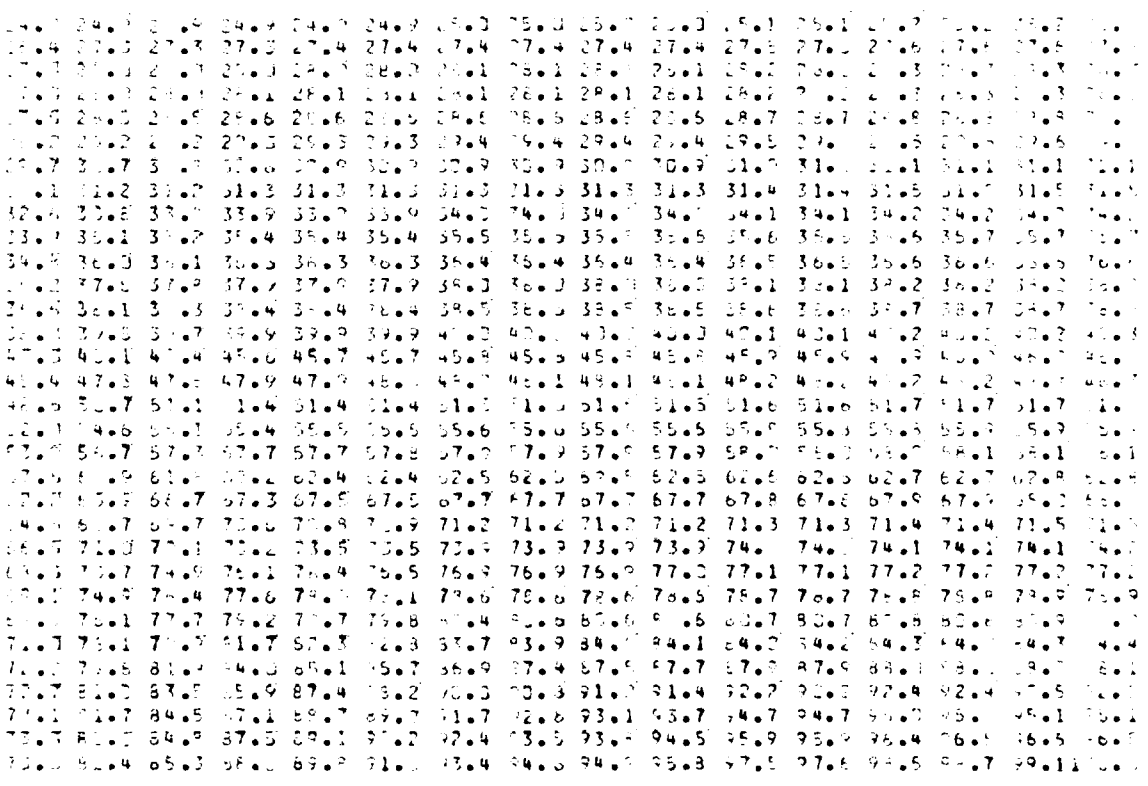
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____ 5022

2

CEILING VERSUS VISIBILITY

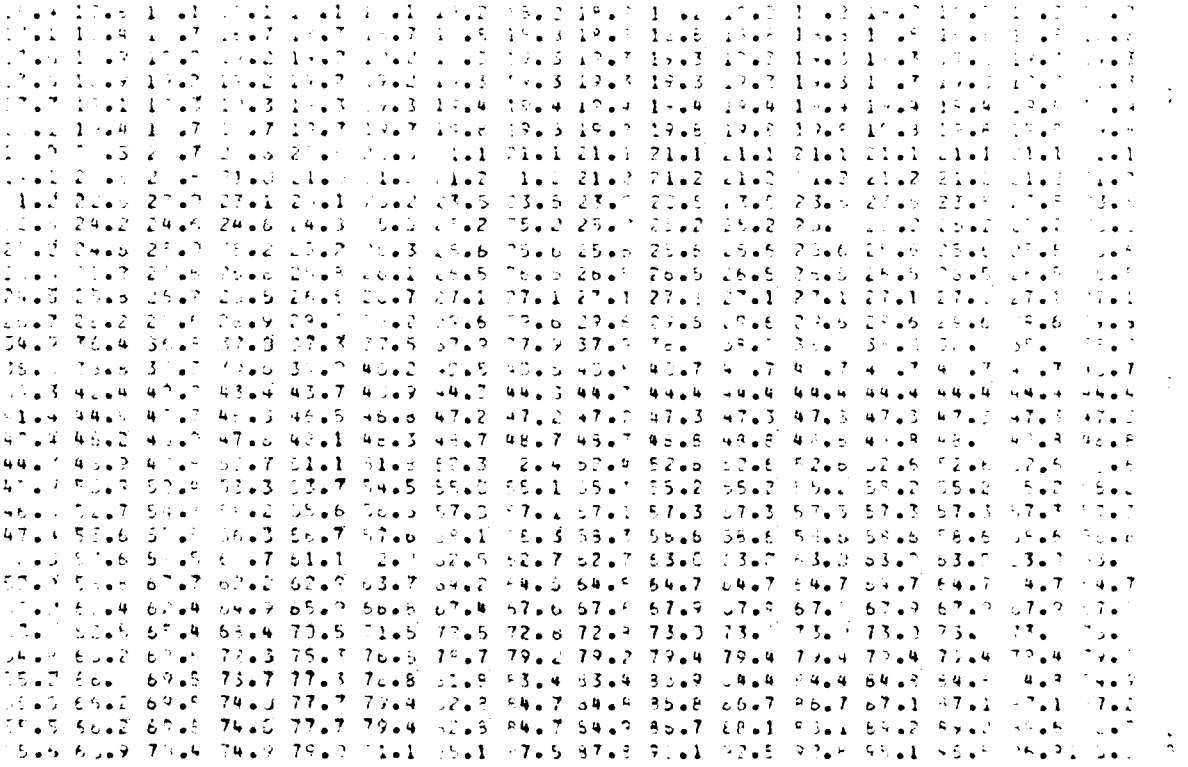


2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



[illegible] METEOROLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SAN VENANCIO AFB, AK 73-87 JAN

[illegible] PERCENTAGE FREQUENCY OF CEILING EQUAL TO OR GREATER THAN INDICATED HEIGHT AND VISIBILITY EQUAL TO OR GREATER THAN INDICATED VISIBILITY [illegible] JAN - DEC

[illegible]	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.8	13.8	14.0	14.0	14.0	14.0		
[illegible]	15.9	15.9	15.9	16.0	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.3	16.3	16.3	16.3		
[illegible]	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5		
[illegible]	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5		
[illegible]	16.2	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.5	16.6	16.7	16.7	16.7	16.7		
[illegible]	16.4	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8		
[illegible]	16.2	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8		
[illegible]	16.6	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.2	17.2	17.2	17.2		
[illegible]	19.6	19.9	19.9	19.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	22.1	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.7	22.7	22.7	22.7		
[illegible]	22.5	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	23.0	23.0	23.1	23.1	23.1	23.1		
[illegible]	23.9	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.5	24.5	24.5	24.5		
[illegible]	24.1	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.6	24.6	24.6	24.6		
[illegible]	27.7	28.1	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.6	28.6	28.6	28.6		
33.1	34.2	34.2	34.4	34.4	34.4	34.6	34.6	34.6	34.7	34.6	34.7	34.7	34.8	34.8	34.8	34.8	34.8
34.4	36.3	36.8	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5
37.2	39.6	40.1	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.8	40.8	40.8	40.8	40.8	[illegible]
39.6	41.6	42.2	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.9	43.0	43.0	43.0	43.0	[illegible]
39.9	42.7	43.7	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.6	43.6	43.6	43.6	43.6	[illegible]
43.0	45.7	46.7	47.2	47.3	47.5	47.6	47.6	47.6	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	[illegible]
47.0	49.5	51.0	51.6	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	[illegible]
46.7	51.3	53.0	53.8	54.3	54.4	54.9	55.1	55.1	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	[illegible]
47.7	52.8	55.1	56.1	56.6	56.7	57.2	57.4	57.4	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	[illegible]
47.5	56.6	58.1	59.4	60.0	60.1	60.7	61.2	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	[illegible]
50.1	58.7	59.8	61.3	62.0	62.6	63.2	63.7	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	[illegible]
51.4	59.1	63.2	65.6	66.4	67.0	67.6	68.2	68.0	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	[illegible]
54.1	63.8	66.6	72.3	73.3	74.1	74.8	75.4	75.5	75.6	75.7	75.7	75.9	75.9	75.9	75.9	75.9	[illegible]
55.7	67.1	72.8	76.6	78.5	79.9	81.4	82.1	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	[illegible]
56.7	66.3	74.6	78.6	81.1	82.7	84.6	86.0	86.3	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	[illegible]
56.1	66.6	75.1	79.4	82.0	83.7	86.4	87.9	88.2	88.8	89.0	89.1	89.3	89.3	89.3	89.3	89.3	[illegible]
56.1	63.3	75.4	79.9	82.5	84.3	87.2	88.8	89.1	89.7	90.1	90.1	90.5	90.5	90.5	91.5	[illegible]	[illegible]
56.4	64.6	76.3	81.2	84.1	86.1	89.1	92.1	92.7	93.4	94.5	94.5	95.9	96.1	97.6	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 645

[illegible] CLIMATOLOGY BRANCH
[illegible] MAC
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] CAPE NEWENHAM AFS AK [illegible]

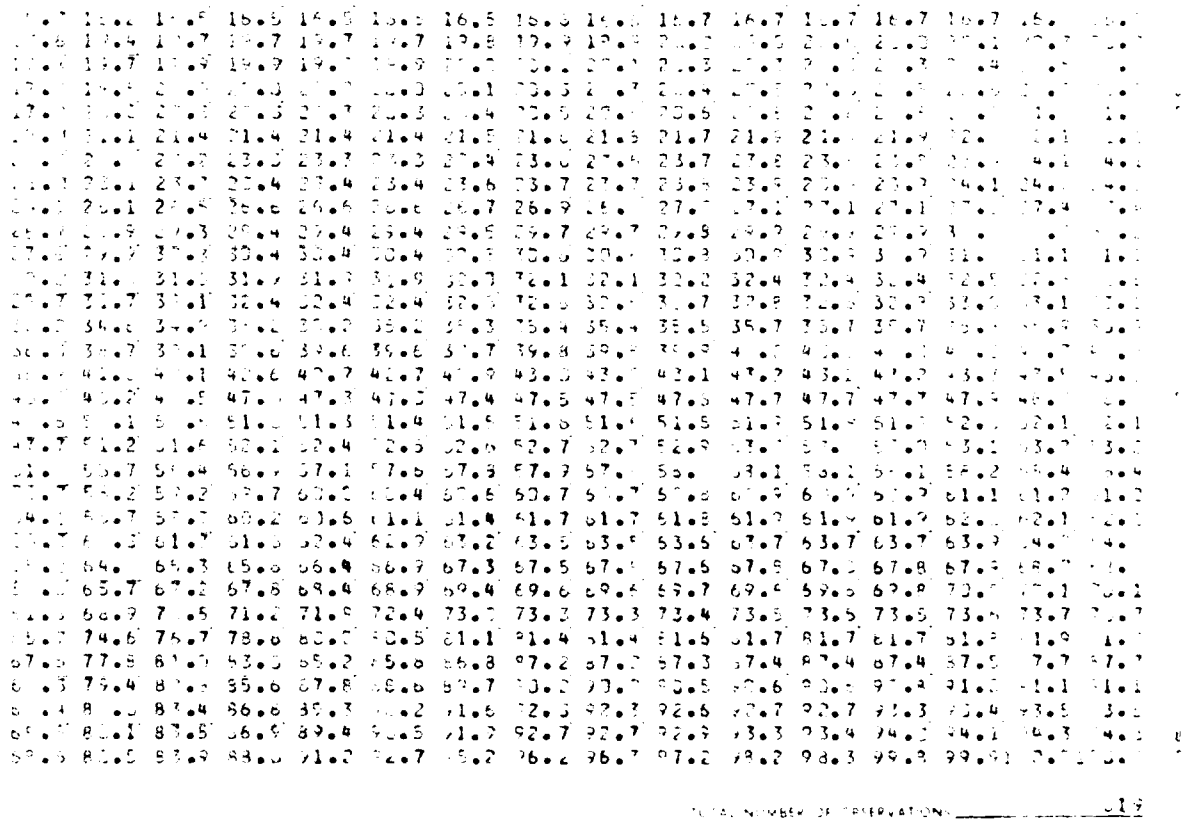
[illegible]

[illegible]	1[illegible]	1 [illegible]	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	[illegible]
14.5	14.5	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.
15.5	15.5	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	[illegible]
15.5	15.5	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	[illegible]
16.1	16.1	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.7
16.5	16.4	16.5	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.
16.5	17.0	17.1	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.5	[illegible]
18.7	18.6	18.7	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.7	18.7
19.1	20.3	20.6	20.6	20.6	20.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1e
[illegible]	23.1	23.3	23.4	23.4	23.4	[illegible]	[illegible]	23.4	23.4	23.4	23.4	23.4	23.4	23.4	[illegible]	[illegible]
24.4	24.3	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.5	[illegible]
25.1	25.1	25.3	25.4	25.4	[illegible]	25.4	[illegible]	[illegible]	[illegible]	25.4	25.4	25.4	25.4	25.4	[illegible]	[illegible]
26.1	26.6	26.9	26.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26.7	26.5	2[illegible]	28.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32.4	33.2	33.1	33.3	33.3	[illegible]	[illegible]	[illegible]	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.6	[illegible]
[illegible]	34.2	[illegible]	35.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.2	35.2	[illegible]	35.2	35.2	35.5	[illegible]
37.4	39.1	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.5	39.5	39.5	39.5	39.5	39.5	[illegible]	39.8	[illegible]
[illegible]	41.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41.7	43.6	44.4	44.5	44.6	44.7	44.7	44.1	44.[illegible]	44.8	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	45.2	45.7	
46.2	47.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.1	51.[illegible]	52.2	[illegible]	[illegible]	[illegible]	52.5	52.[illegible]	52.[illegible]	[illegible]	52.[illegible]	[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	54.3	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	56.7	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58.7	58.4	6[illegible]	[illegible]	61.7	62.2	62.[illegible]	63.3	[illegible]	63.3	63.3	[illegible]	63.3	63.3	63.[illegible]	[illegible]	[illegible]
[illegible]	61.0	62.6	64.4	64.[illegible]	66.[illegible]	66.0	66.[illegible]	[illegible]	66.5	66.5	66.5	66.5	66.5	[illegible]	[illegible]	
[illegible]	6[illegible]	69.4	73.0	73.7	74.[illegible]	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7	[illegible]
[illegible]	7[illegible]	74.[illegible]	78.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.3	77.3	81.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.7	77.8	82.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.7	77.9	82.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	74.1	7[illegible]	83.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] TOTAL NUMBER OF OBSERVATIONS _____ 554

2

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____ 619

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
2 [illegible]ATHER SQUADRON/MAC

CEILING VERSUS VISIBILITY

[illegible] CAPE NEWENHAM AF[illegible] AK [illegible]73-[illegible] [illegible]

[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE
[illegible] OBSERVATION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 454

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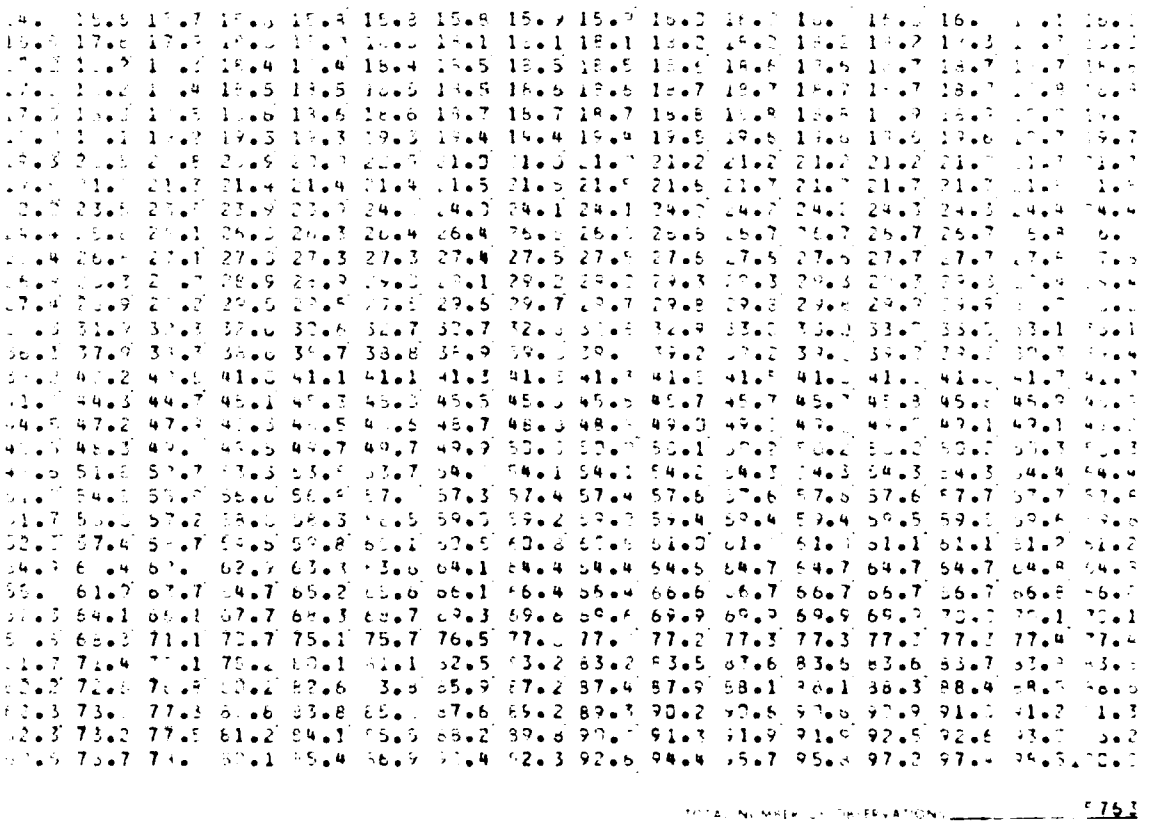
CEILING VERSUS VISIBILITY

14.2	14.2	14.2	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	
16.2	16.6	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.
16.2	16.6	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.	17.0	17.0	17.0	17.
16.2	16.6	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.	17.0	17.0	17.0	17.0	17.0	17.0	17.0
16.2	16.6	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.0	17.	17.0	17.	17.0	17.0	17.0	17.0
17.9	17.7	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.3	18.3	18.3	18.3
19.3	19.4	19.4	19.3	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.4	19.4	19.4	19.4
22.5	22.1	22.3	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.7	22.7	22.7	22.7
25.4	25.1	25.3	25.3	25.5	25.5	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.9	25.9	25.9	25.9
28.4	28.4	28.6	28.7	28.9	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.3	29.3	29.3
30.4	30.2	30.4	30.6	30.8	30.8	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.2	31.2	31.2	31.2
32.5	32.3	32.5	32.7	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.2	33.2
34.9	34.7	34.9	35.0	35.2	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6
36.8	36.8	37.0	37.2	37.4	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.0
38.4	38.4	38.6	38.7	38.9	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4
40.4	40.4	40.6	40.7	40.9	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4
42.1	42.1	42.3	42.4	42.6	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1
43.8	43.8	44.0	44.1	44.3	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8
45.4	45.4	45.5	45.7	45.9	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4
46.9	46.9	47.1	47.2	47.4	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9	47.9	47.9
48.4	48.4	48.6	48.7	48.9	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4
49.8	49.8	50.0	50.1	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8
51.1	51.1	51.3	51.4	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1
52.4	52.4	52.6	52.7	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
53.7	53.7	53.9	54.0	54.2	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7
55.0	55.0	55.2	55.3	55.5	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0
56.3	56.3	56.5	56.6	56.8	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3	57.3
57.6	57.6	57.8	57.9	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6
58.9	58.9	59.1	59.2	59.4	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9
60.2	60.2	60.4	60.5	60.7	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2
61.5	61.5	61.7	61.8	62.0	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5
62.8	62.8	63.0	63.1	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8
64.1	64.1	64.3	64.4	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1
65.4	65.4	65.6	65.7	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4
66.7	66.7	66.9	67.0	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7
68.0	68.0	68.2	68.3	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0
69.3	69.3	69.5	69.6	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3
70.6	70.6	70.8	70.9	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6
71.9	71.9	72.1	72.2	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9
73.2	73.2	73.4	73.5	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
74.5	74.5	74.7	74.8	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5
75.8	75.8	76.0	76.1	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8
77.1	77.1	77.3	77.4	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1
78.4	78.4	78.6	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4
79.7	79.7	79.9	80.0	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7
81.0	81.0	81.2	81.3	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0
82.3	82.3	82.5	82.6	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
83.6	83.6	83.8	83.9	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6
84.9	84.9	85.1	85.2	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
86.2	86.2	86.4	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2
87.5	87.5	87.7	87.8	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5
88.8	88.8	89.0	89.1	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8
90.1	90.1	90.3	90.4	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1
91.4	91.4	91.6	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4
92.7	92.7	92.9	93.0	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
94.0	94.0	94.2	94.3	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0
95.3	95.3	95.5	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
96.6	96.6	96.8	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
97.9	97.9	98.1	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 336

2

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS 5763

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2 [illegible] WEATHER SERVICE/MAC

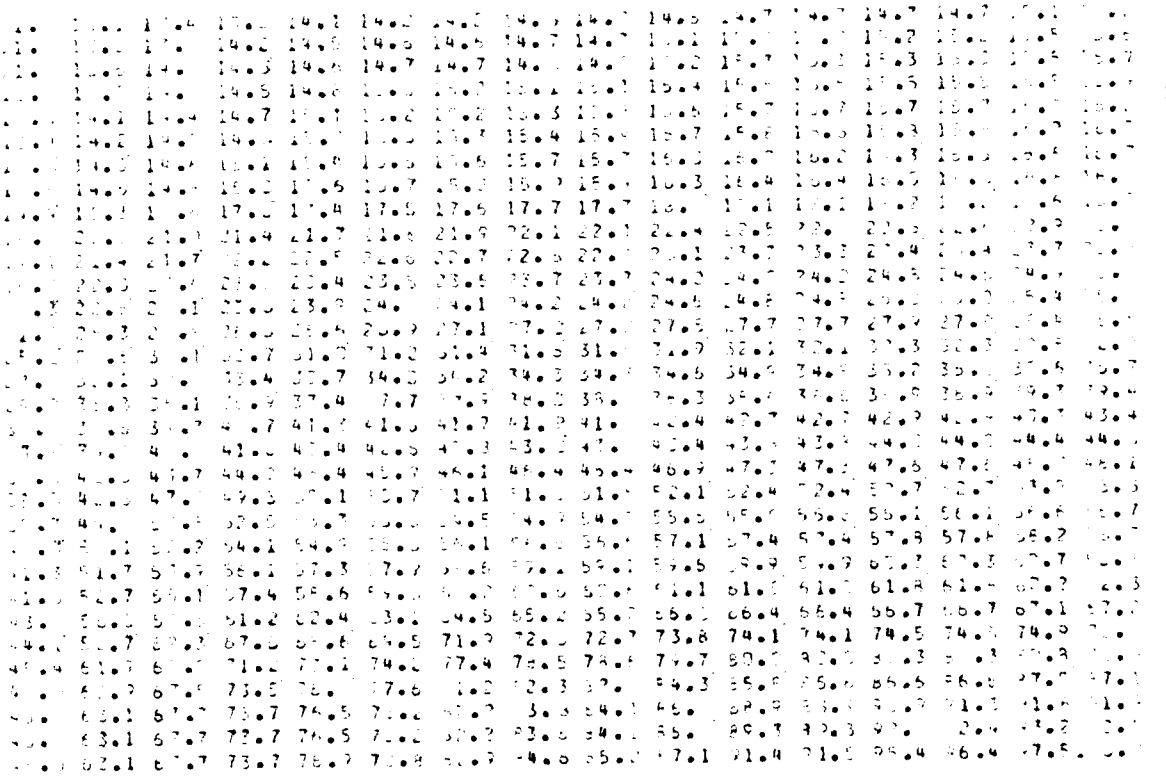
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CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

2

CEILING VERSUS VISIBILITY



CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

[illegible]	17.7	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	18.2	[illegible]	[illegible]	18.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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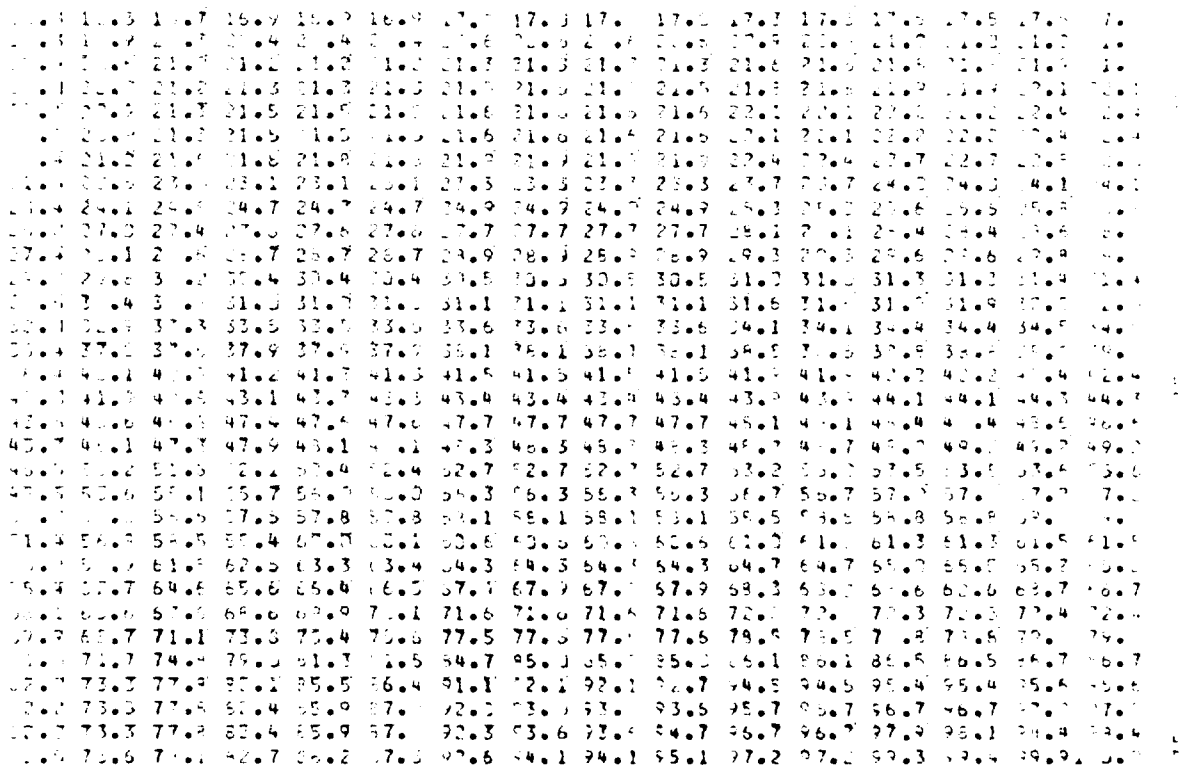
CEILING VERSUS VISIBILITY

JUL

TOTAL NUMBER OF OBSERVATIONS 864

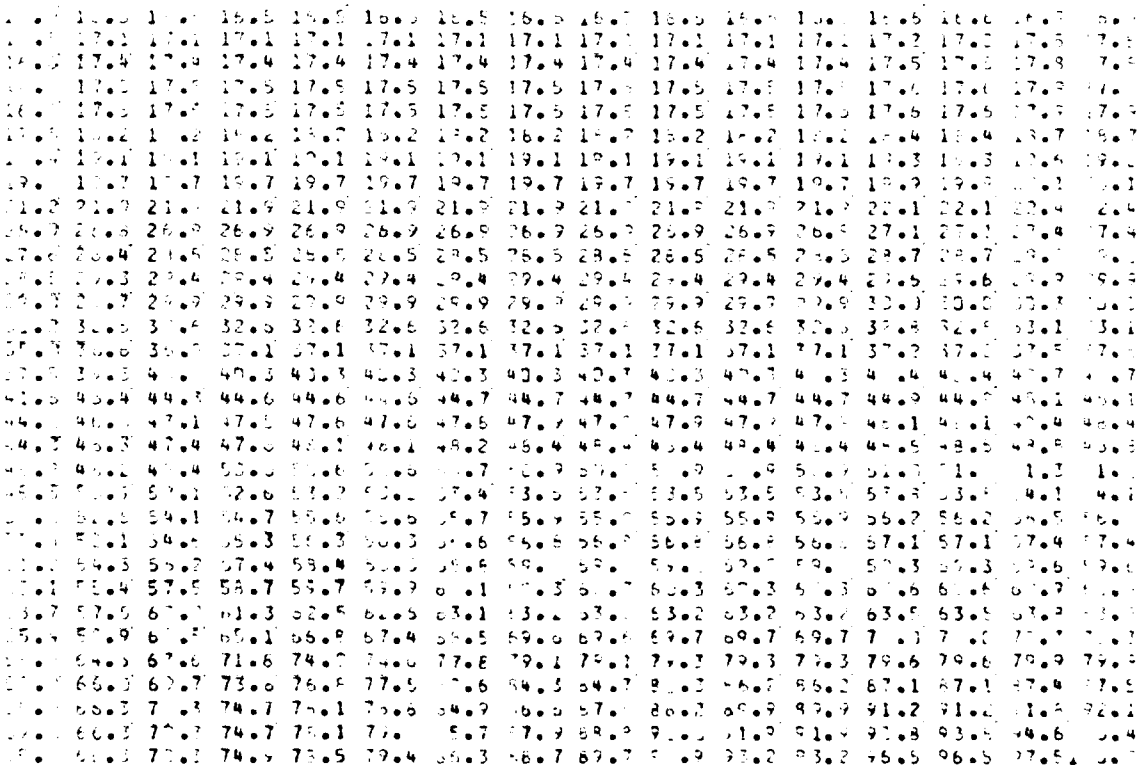
2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS 84

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CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 5757

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CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

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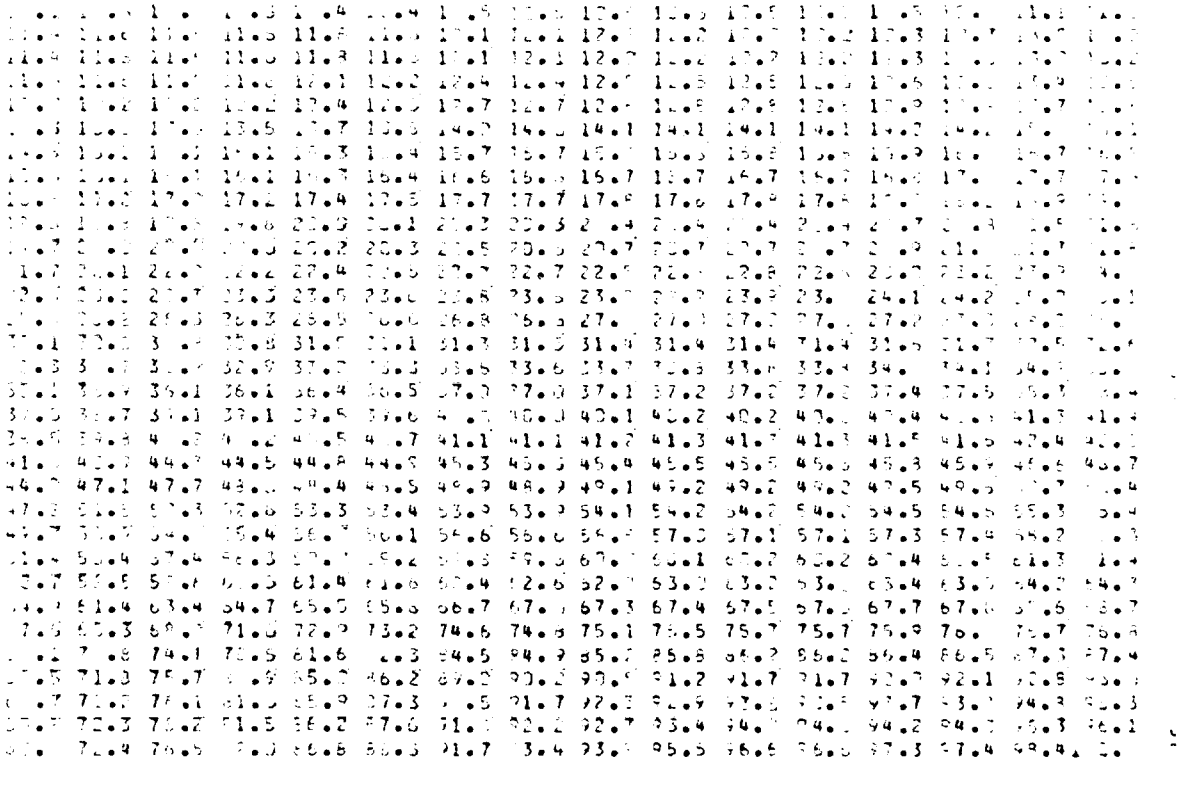
CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 91

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CEILING VERSUS VISIBILITY

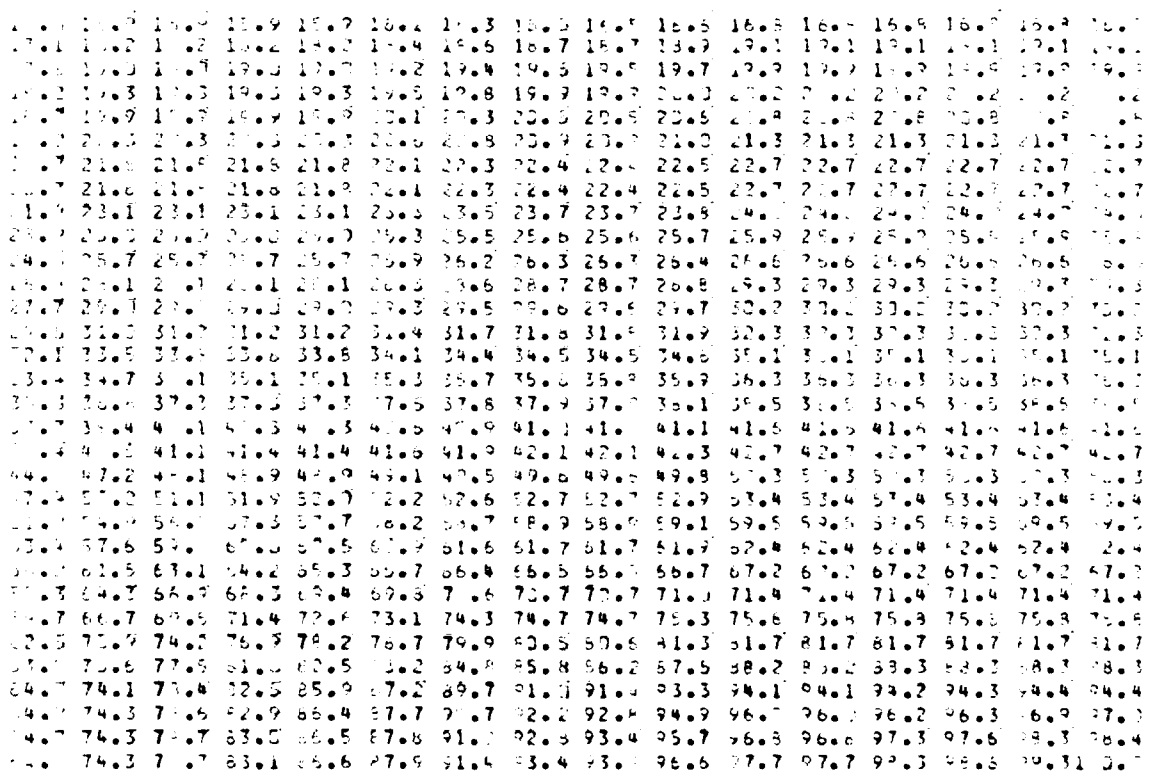
CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



A. NUMBER OF OBSERVATIONS 675

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CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 74

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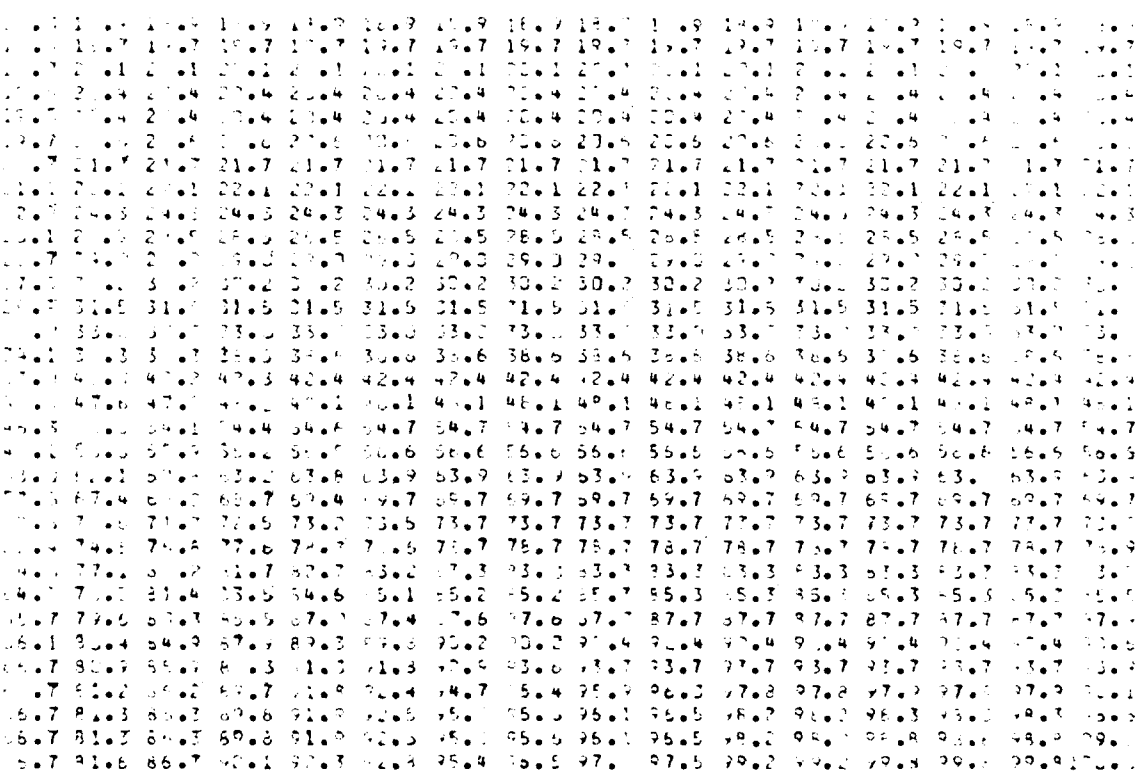
CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

Z

CEILING VERSUS VISIBILITY



87

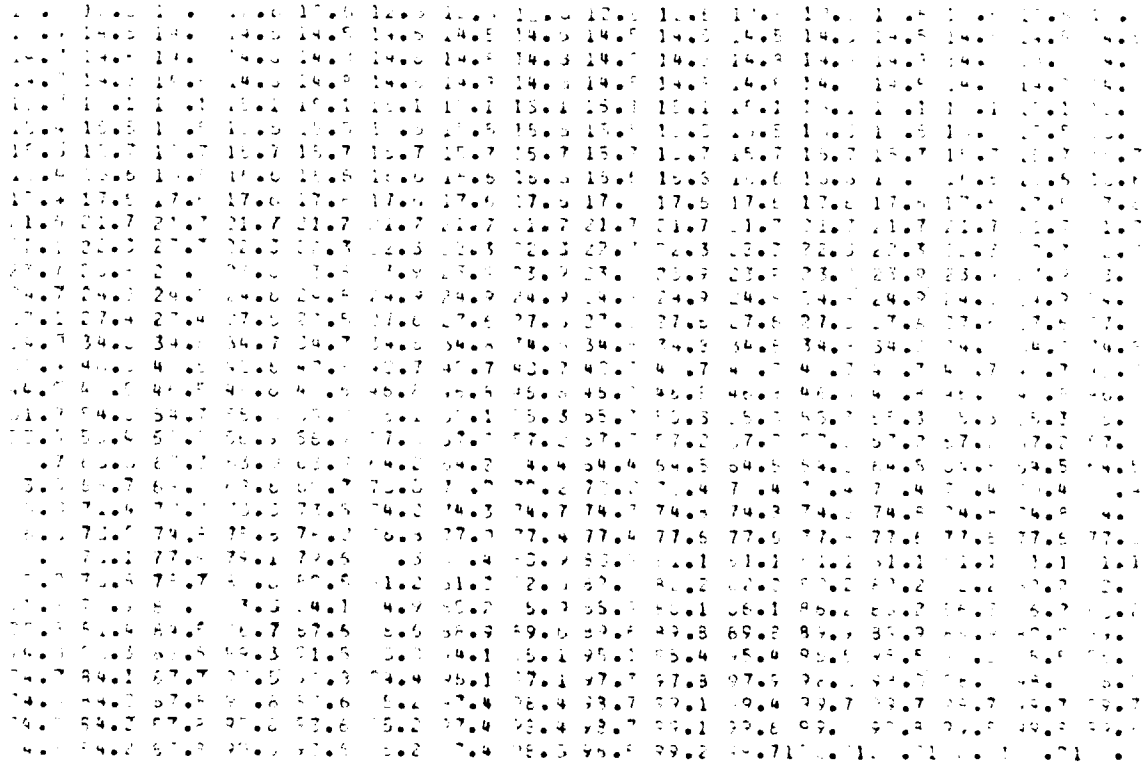
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CEILING VERSUS VISIBILITY

1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
2	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
4	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
5	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
6	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
7	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
10	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
11	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
12	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
13	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
14	48.5	48.7	48.8	48.8	48.8	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
15	55.8	56.2	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
16	57.2	57.3	57.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
17	64.7	65.3	66.0	66.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
18	69.2	70.2	71.2	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
19	74.6	74.8	75.3	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3
20	78.0	79.1	80.5	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5
21	84.7	85.5	87.6	84.0	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
22	85.5	79.2	87.7	85.1	86.3	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
23	86.4	89.7	85.7	87.5	88.4	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
24	86.7	81.6	88.9	89.0	90.8	91.0	91.4	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
25	87.1	82.4	87.8	91.0	92.5	92.9	93.7	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
26	87.7	82.4	87.7	91.2	92.9	93.4	95.3	96.1	96.4	97.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5
27	87.8	82.4	87.7	91.2	93.1	93.5	95.4	96.2	96.5	97.2	98.8	98.8	99.2	99.2	99.3	99.3	
28	87.4	82.5	87.9	91.4	93.3	93.7	95.6	96.4	96.9	97.4	99.	99.	99.4	99.4	99.6	99.6	
29	87.4	82.5	87.9	91.4	93.3	93.7	95.6	96.6	97.	97.5	99.2	99.2	99.8	99.8	99.9		

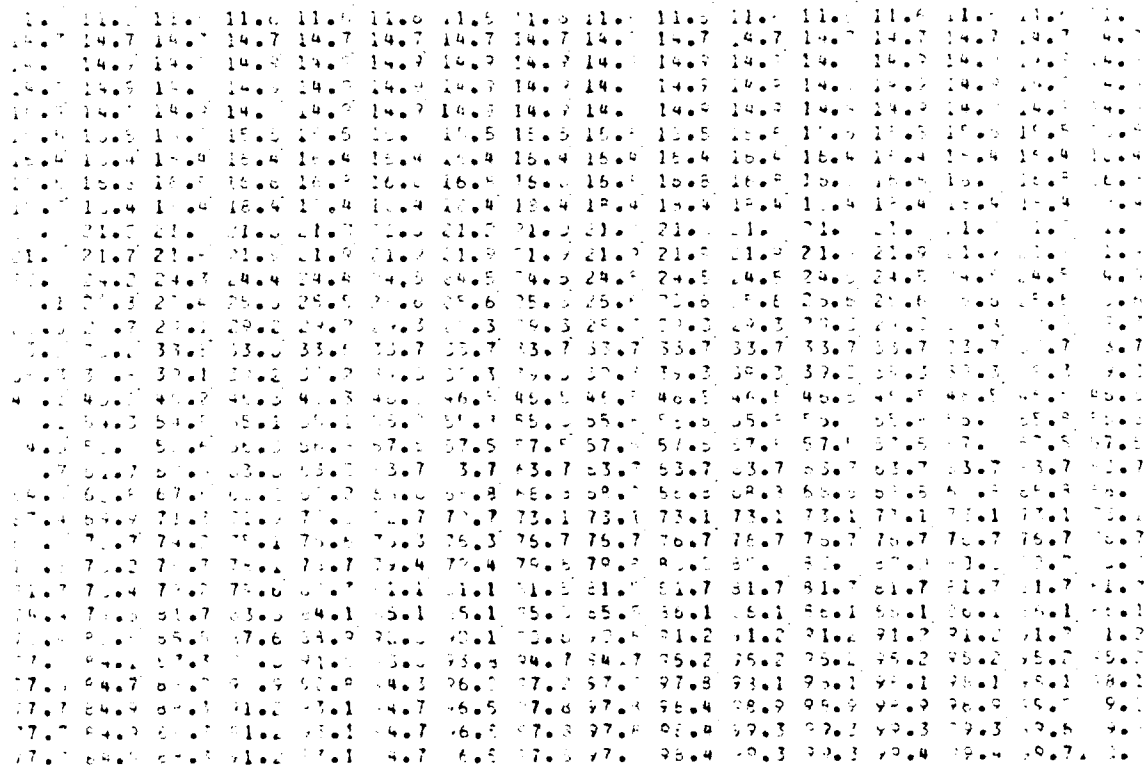
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CEILING VERSUS VISIBILITY

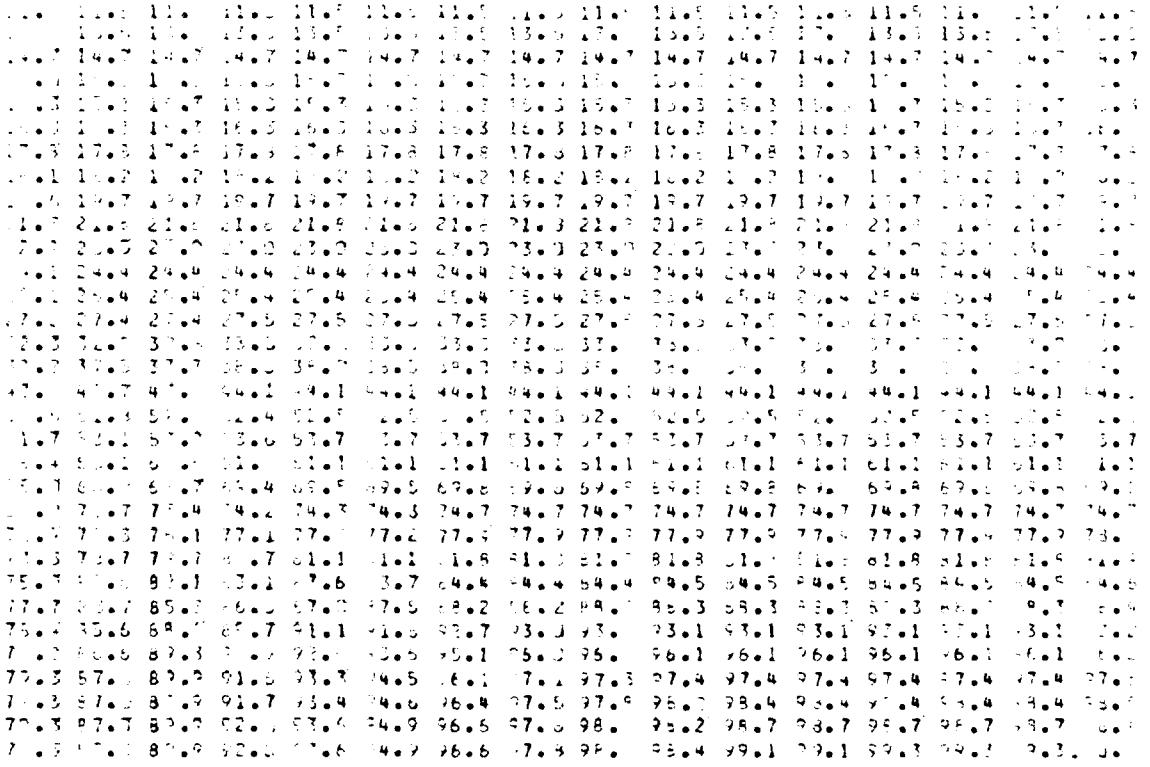


2

CEILING VERSUS VISIBILITY



CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
19.1	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
25.7	25.7	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
25.7	25.7	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
26.1	26.2	26.2	26.2	26.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
32.4	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
36.4	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
41.3	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
52.3	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
62.2	62.7	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
68.7	69.4	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
71.1	72.3	72.6	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
74.4	74.5	75.1	76.5	77.7	78.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
77.1	77.5	77.7	80.1	81.6	82.1	82.2	82.3	82.7	82.5	82.5	82.6	82.5	82.5	82.5	82.5
77.7	78.4	81.9	83.3	84.6	85.3	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
78.4	82.4	84.3	84.7	87.1	87.8	88.1	88.2	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
79.1	82.2	85.7	86.5	89.0	89.8	90.3	90.4	90.1	91.1	91.0	91.1	91.1	91.1	91.1	91.1
79.1	84.1	87.9	89.2	91.9	92.9	94.2	94.3	94.4	94.7	95.0	95.0	95.1	95.1	95.1	95.1
77.9	86.1	89.9	91.2	94.2	95.8	97.5	97.8	97.9	98.2	98.9	98.9	98.9	98.9	98.9	98.9
77.9	86.1	9 .7	91.4	94.3	96.1	97.9	98.2	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4
77.9	86.1	90.7	91.4	94.3	96.1	97.9	98.2	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.4
77.9	86.2	90.1	91.5	94.4	96.2	98.2	98.6	98.7	99.2	99.9	99.9	99.9	99.9	99.91	99.9

TOTAL NUMBER OF OBSERVATIONS 713

2

CEILING VERSUS VISIBILITY

2

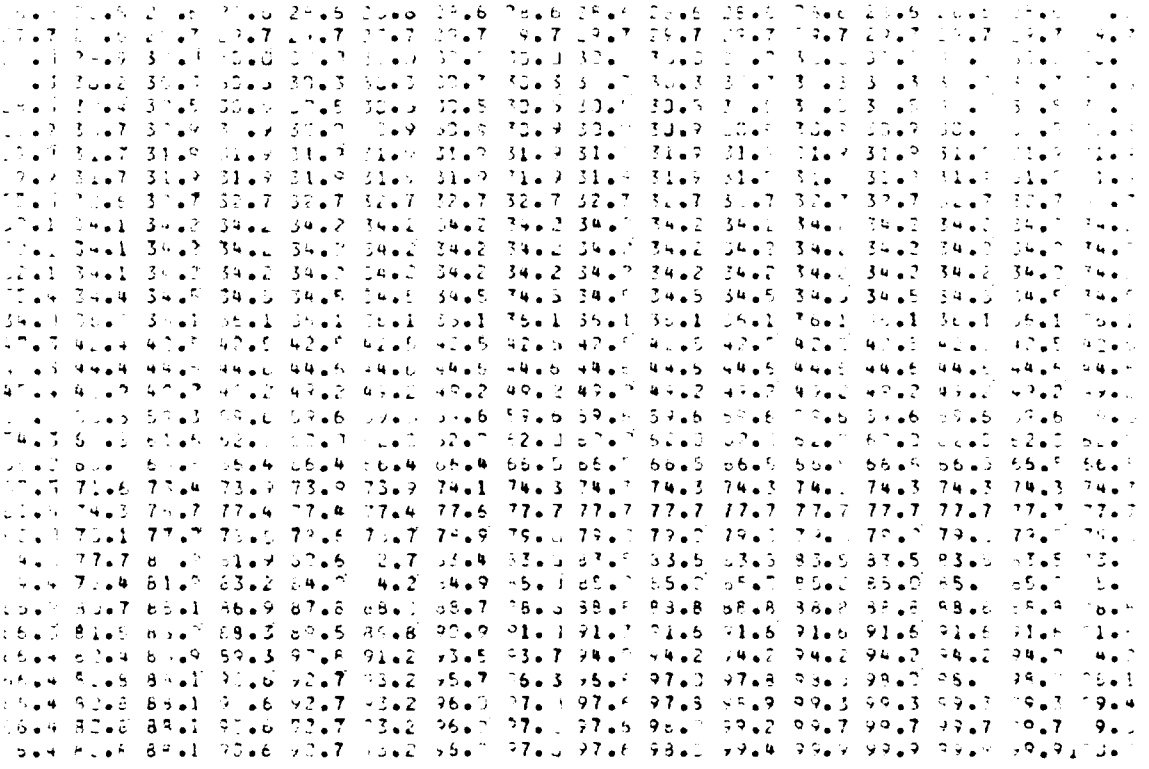
CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

2

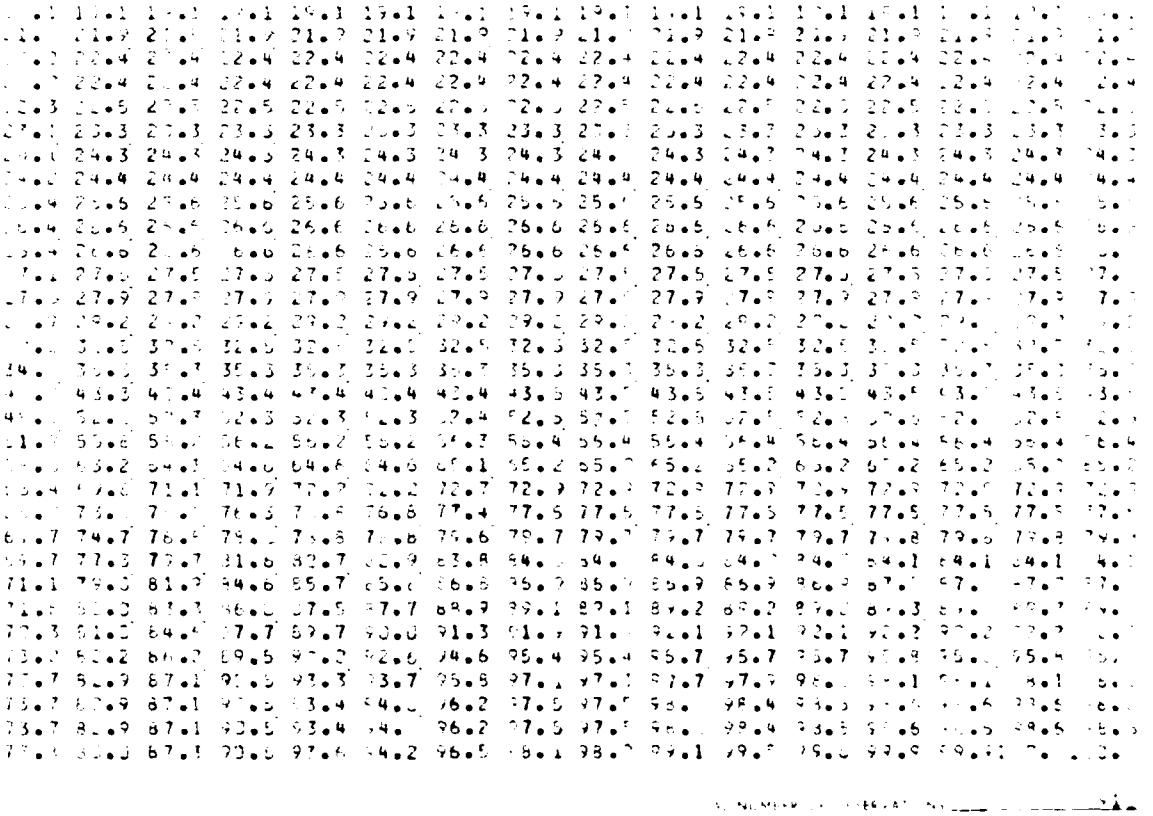
CEILING VERSUS VISIBILITY

17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	
19.1	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	
20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	
20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	
21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	
21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
21.4	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	
22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	
23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	
24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	
24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	
24.6	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	
25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	
27.7	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	
32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	
35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
40.4	41.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
47.7	50.4	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	
52.9	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
56.4	61.7	63.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
63.4	71.3	71.6	72.7	72.8	73.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
65.7	73.6	74.5	75.6	76.5	75.6	76.8	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
66.9	74.1	76.7	77.3	78.3	78.4	79.7	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
67.8	77.1	77.6	80.7	81.9	82.1	82.5	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
67.3	73.7	81.8	83.1	84.7	84.9	85.2	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
70.5	77.4	82.7	84.6	85.4	86.6	87.1	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.4	
71.6	81.1	85.4	87.8	89.7	90.2	90.8	91.5	91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.3	
72.5	82.2	86.9	89.6	91.7	92.2	93.4	94.4	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	
72.7	83.9	87.7	91.0	93.4	94.2	95.7	96.7	96.7	97.4	98.0	98.2	98.3	98.3	98.3	98.3	
72.9	84.9	87.7	91.6	93.5	94.3	95.9	97.1	97.1	97.7	98.6	99.0	99.1	99.1	99.2	99.2	
72.9	85.9	87.7	92.5	93.5	94.3	96.0	97.1	97.1	97.9	98.8	99.0	99.4	99.4	99.6	99.6	
72.9	85.9	87.7	92.5	93.5	94.3	96.1	97.4	97.4	98.2	99.2	99.2	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 577

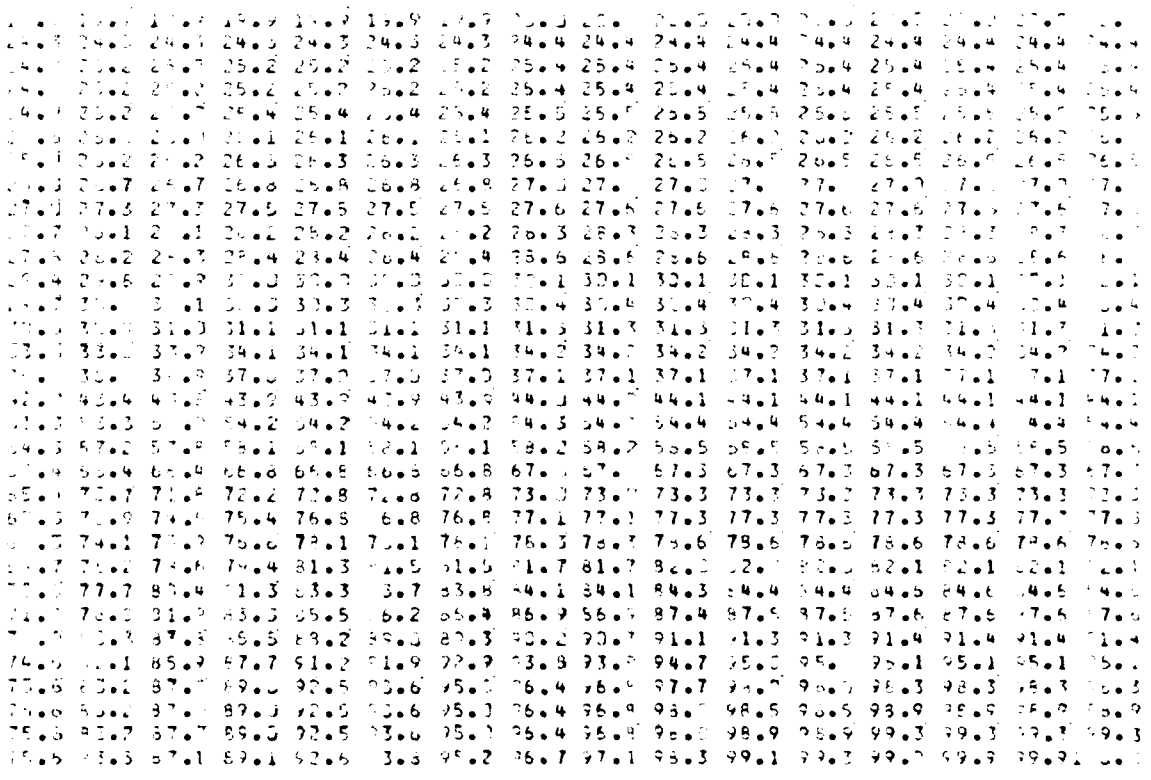
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CEILING VERSUS VISIBILITY



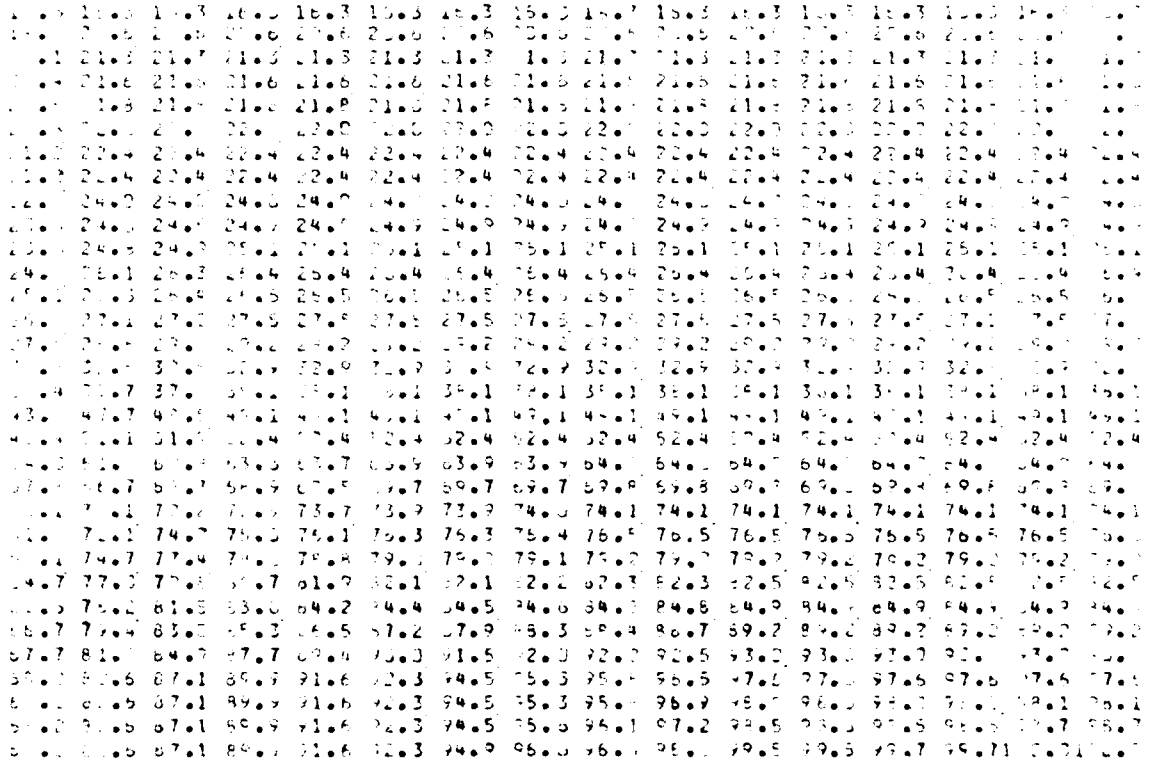
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CEILING VERSUS VISIBILITY



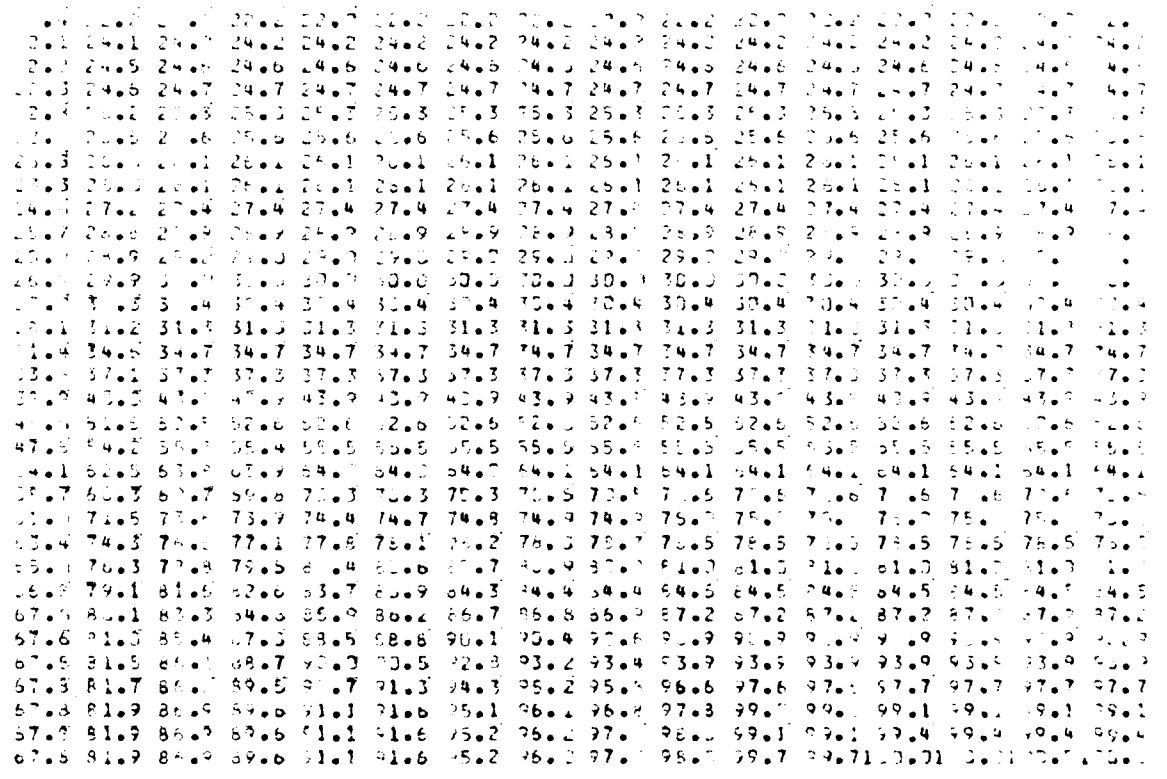
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CEILING VERSUS VISIBILITY



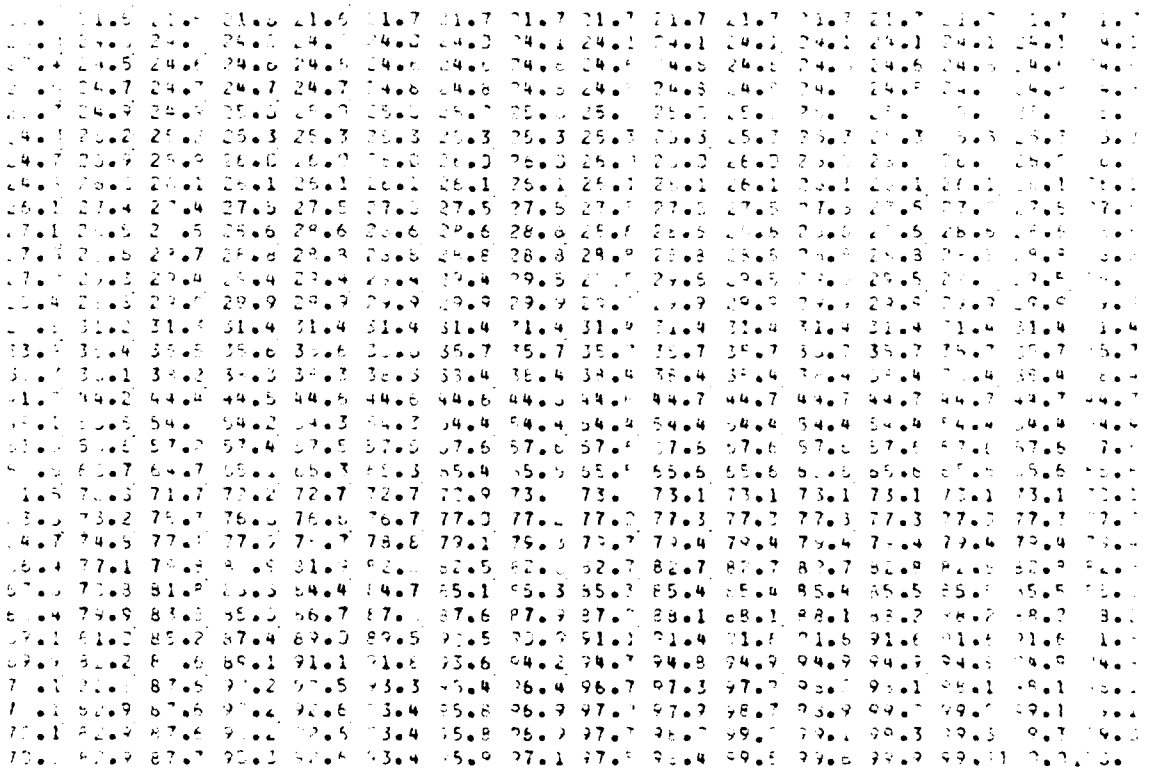
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CEILING VERSUS VISIBILITY



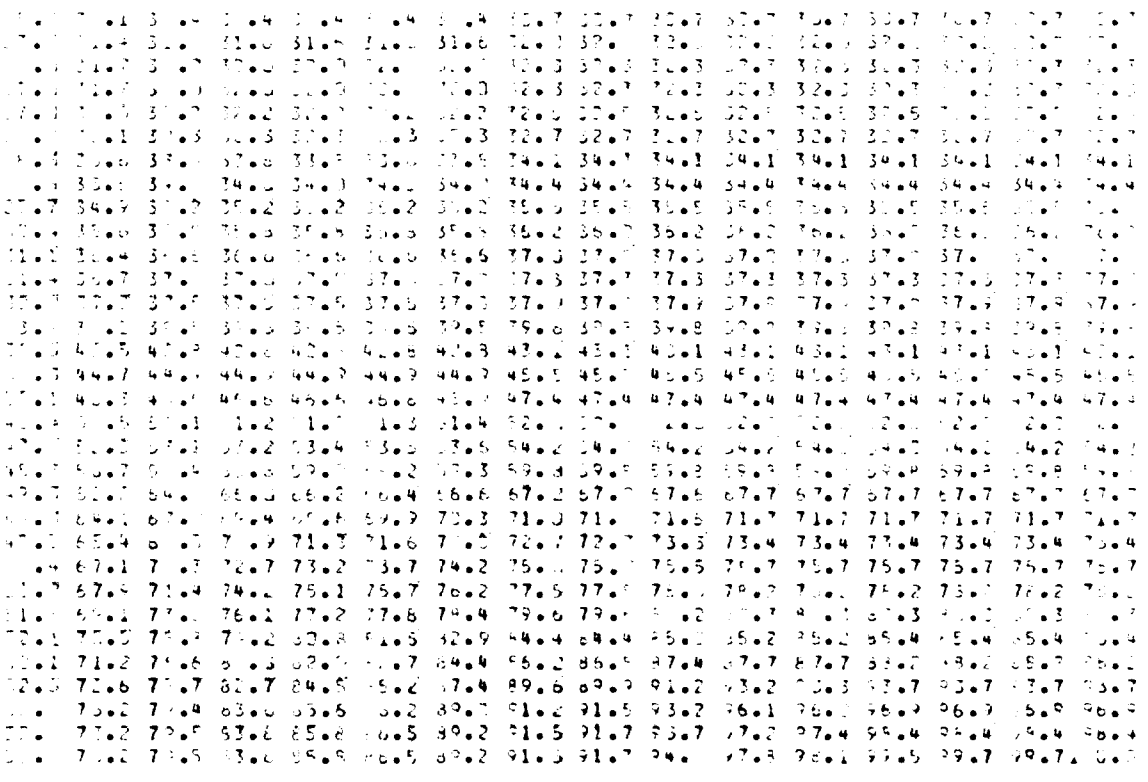
A NUMBER OF OBSERVATIONS 781

CEILING VERSUS VISIBILITY



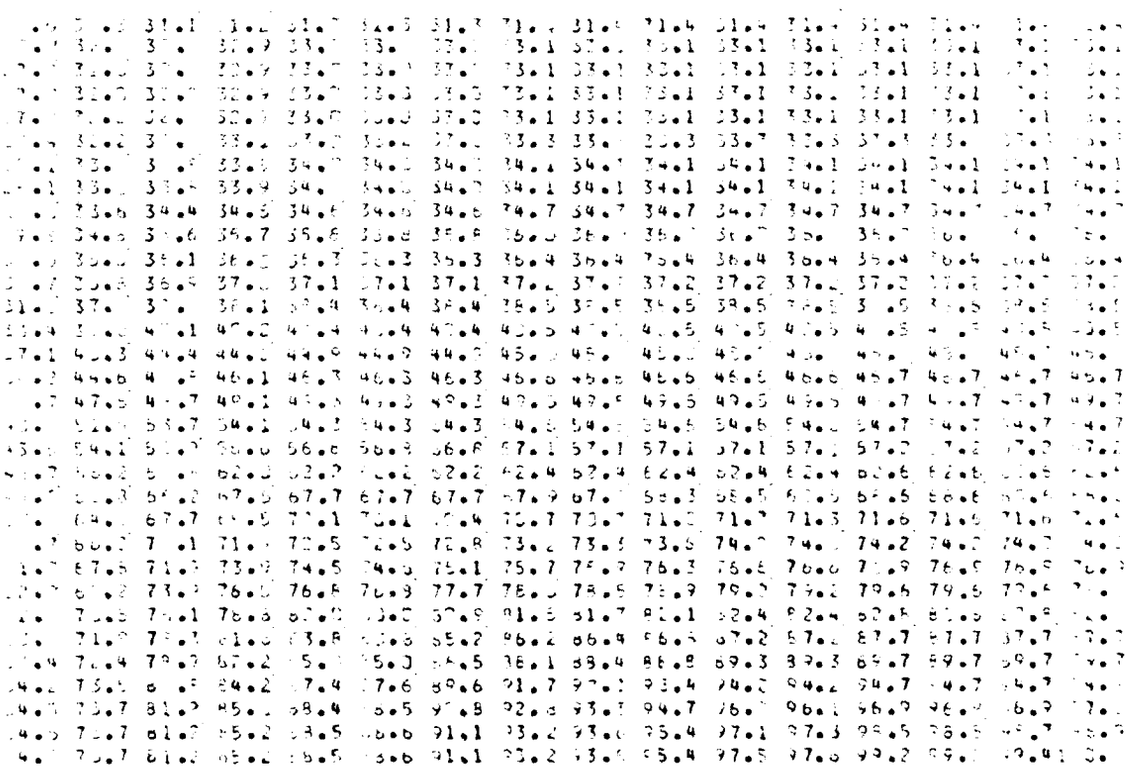
2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

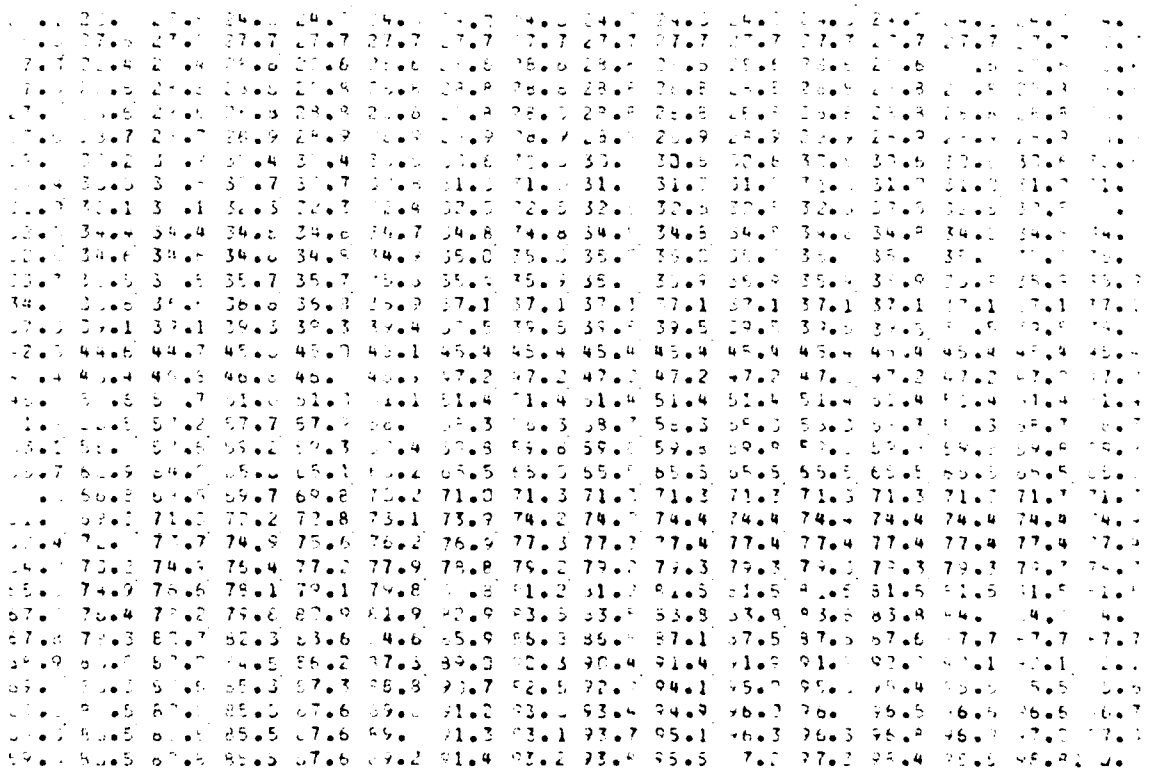


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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

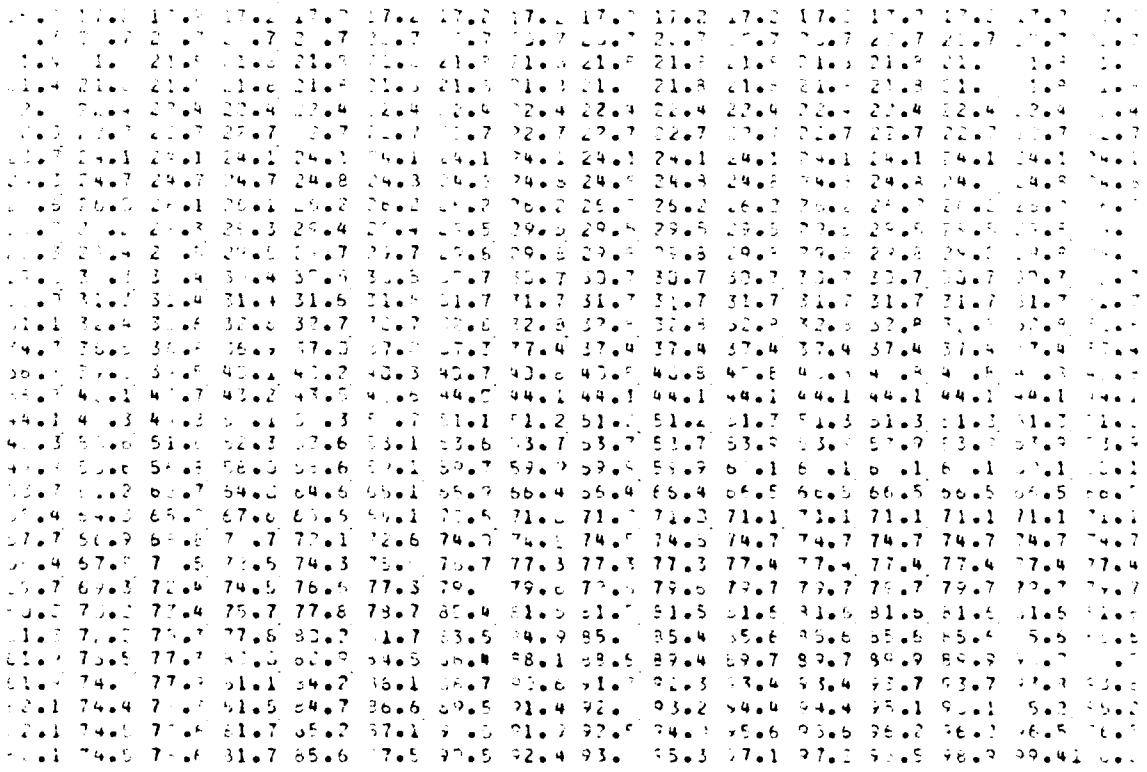


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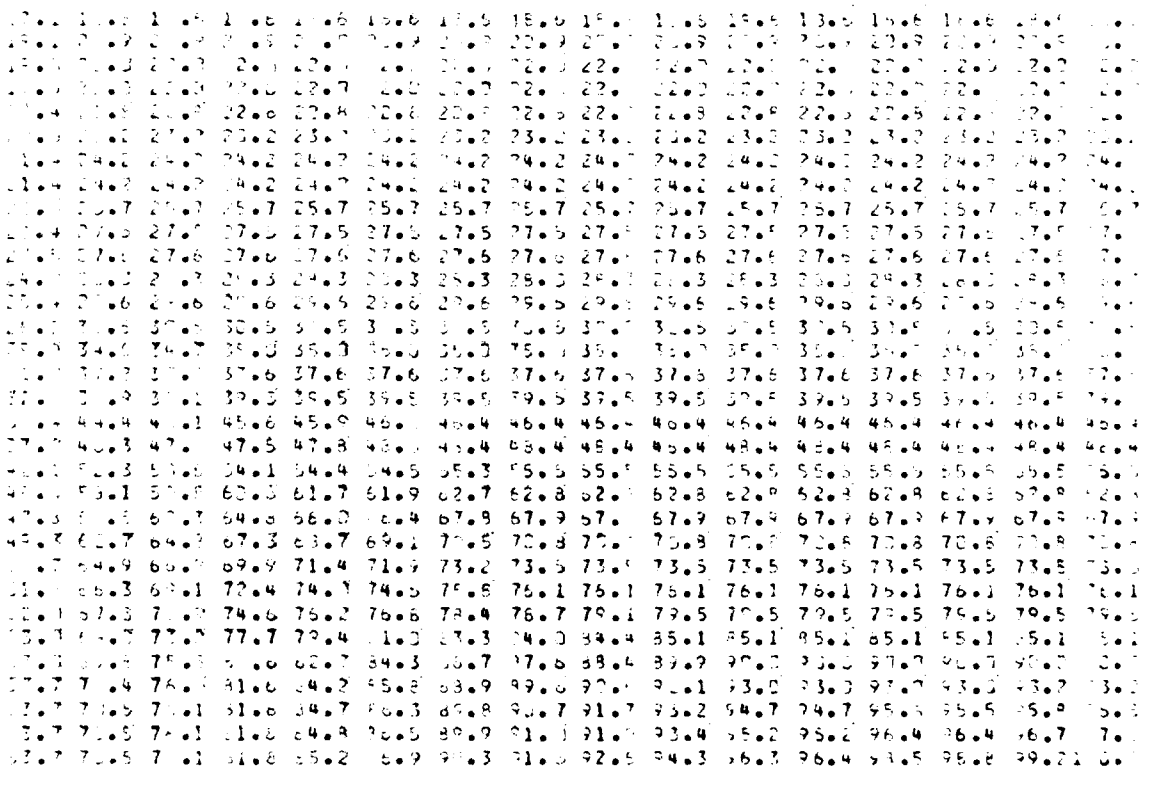
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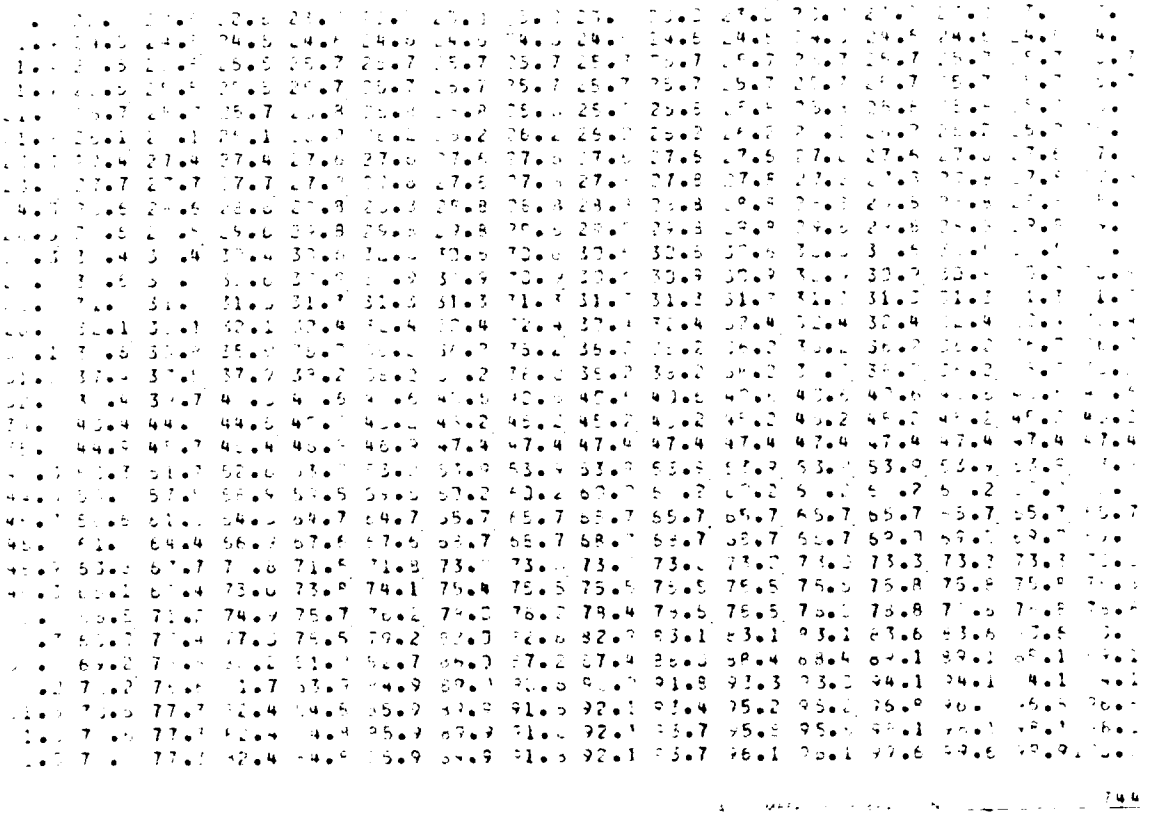
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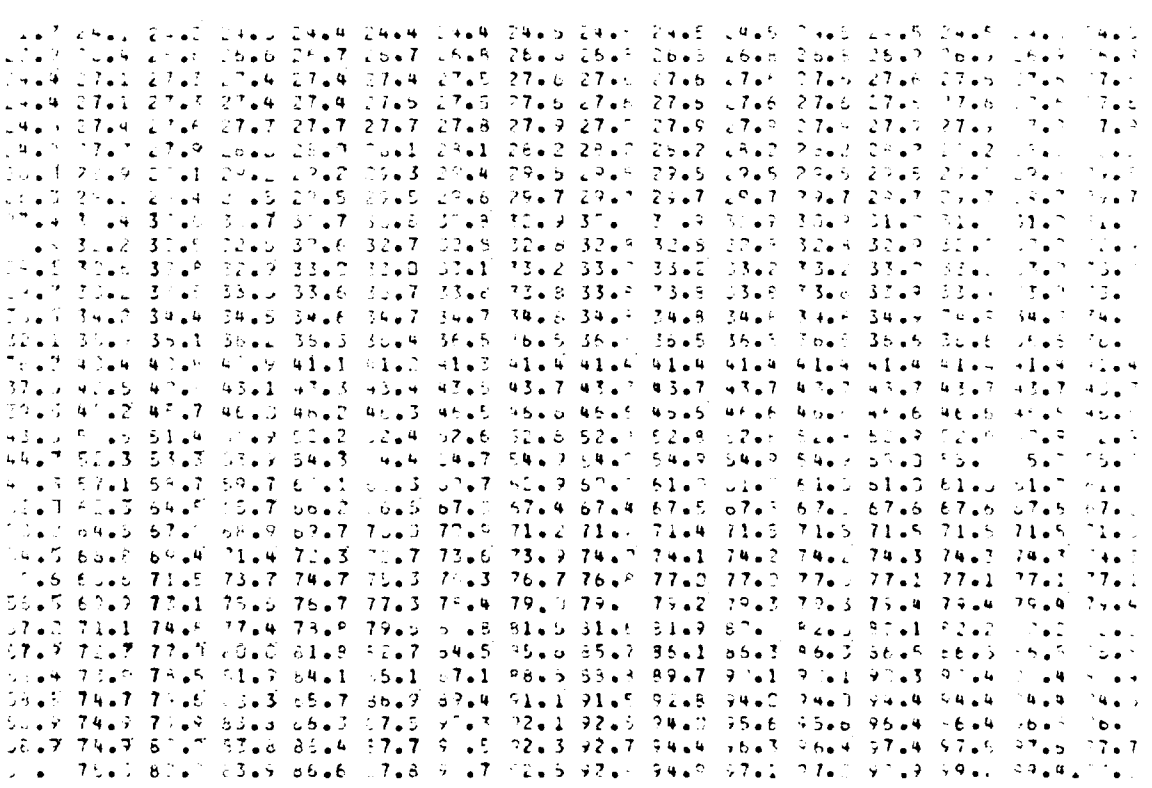
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CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY



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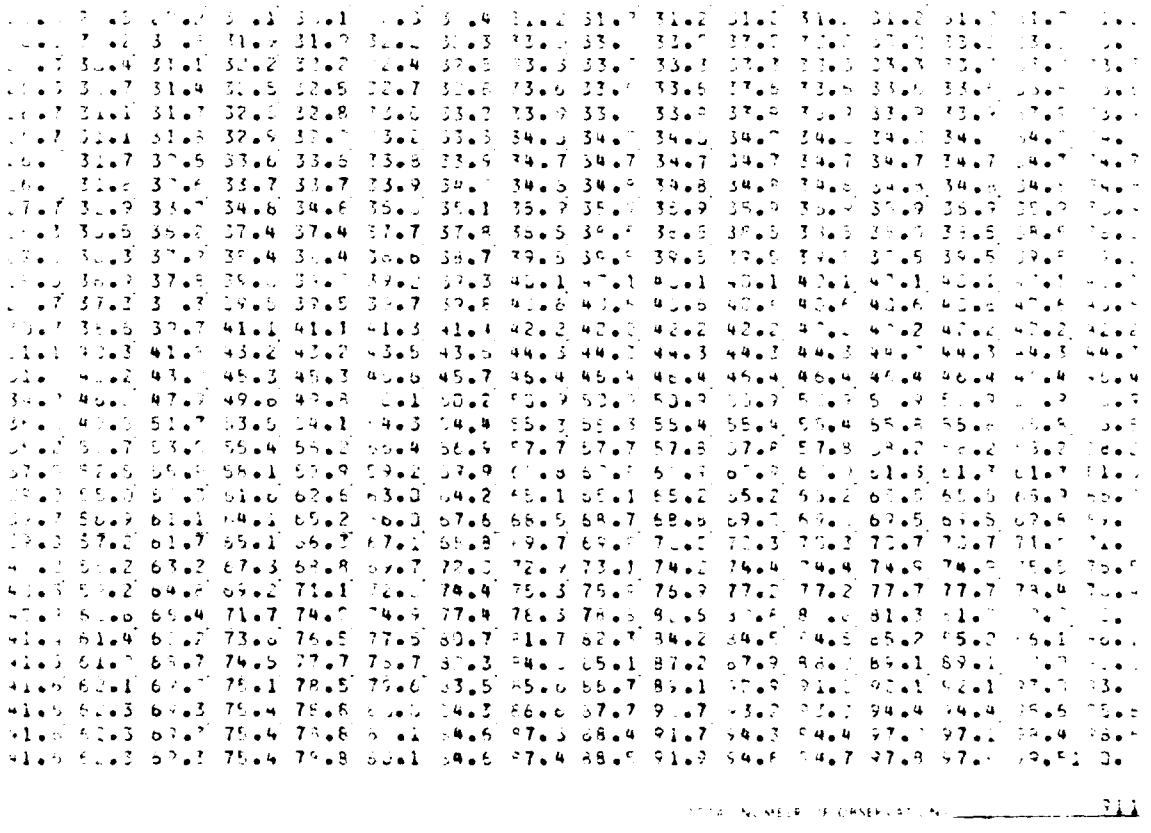
CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY

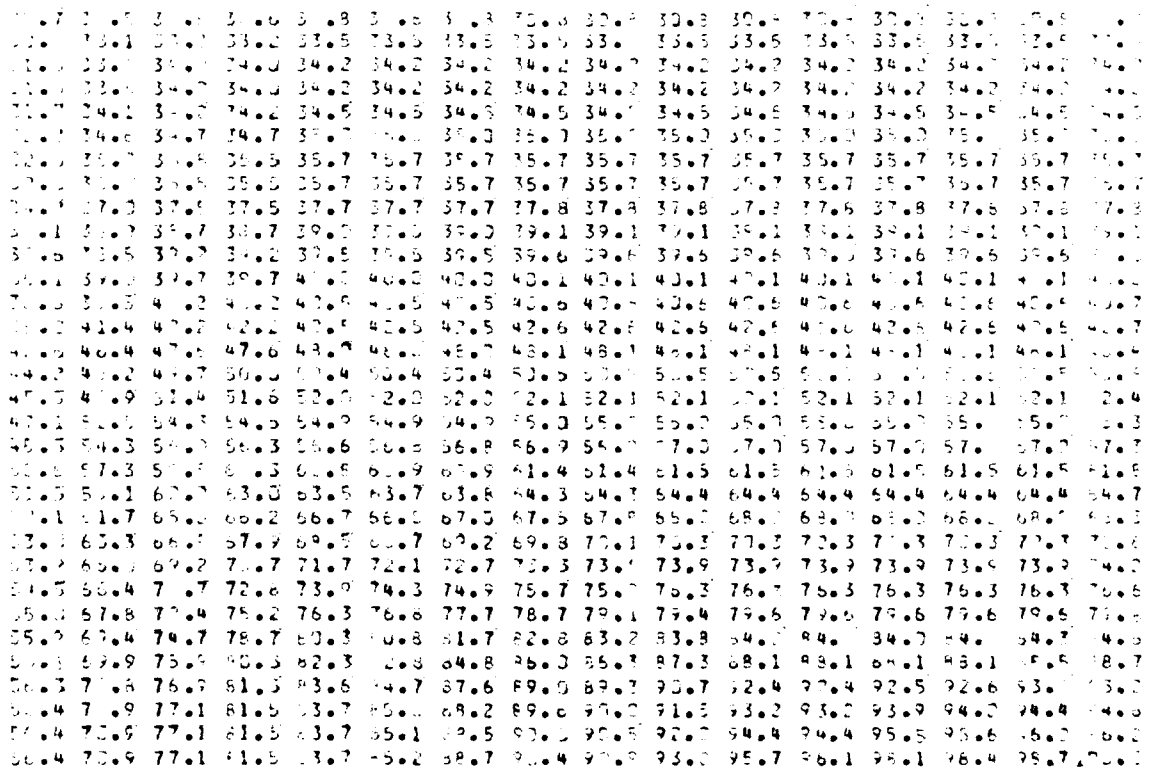
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27.4	28.4	29.4	30.4	31.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.
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27.4	28.4	31.4	31.4	1.4	31.4	31.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.
27.4	28.4	31.4	31.4	31.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.
31.4	33.4	33.4	34.1	34.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.	
32.2	34.4	34.6	35.2	35.2	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	
32.9	35.	35.3	35.8	35.8	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.4	36.4	36.4	36.4	
33.2	35.8	36.1	36.6	36.6	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	
34.7	36.4	36.6	37.1	37.1	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	
36.1	36.4	37.6	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	
39.3	41.2	41.5	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	
39.3	42.7	43.5	44.3	44.4	44.4	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.	45.1	45.1	
42.7	43.4	43.1	47.6	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	
45.3	5 .3	51.1	52.4	52.3	52.4	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1	
45.1	51.4	51.1	53.4	53.4	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
49.6	56.2	57.6	59.3	59.6	59.8	6 .5	60.5	60.5	6 .5	6 .5	6 .5	6 .6	6 .6	6 .6	6 .6	
52.4	57.6	61.6	64.3	64.8	65.3	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	
53.7	61.9	64.5	66.1	68.9	69.4	70.4	70.4	70.6	70.6	70.7	70.9	71.2	71.	71.7	71.	
55.4	62.6	65.5	69.2	7 .3	7 .9	71.9	72.2	72.4	72.4	72.5	72.6	72.7	72.7	72.7	72.7	
54.2	64.1	67.5	71.5	73.9	73.5	75.0	75.3	75.7	76.1	76.3	76.4	76.5	76.5	76.5	76.5	
54.5	65.7	69.3	73.6	75.2	75.9	77.5	78.2	78.6	79.3	79.6	79.7	79.8	79.8	79.8	79.8	
55.1	66.9	71.7	75.7	77.4	78.1	79.8	80.5	81.0	81.9	82.2	82.3	82.4	82.4	82.5	82.5	
55.7	67.8	72.6	78.2	81.6	82.2	83.4	84.2	84.7	85.7	86.2	86.1	86.4	86.4	86.7	86.	
55.6	68.6	73.5	79.1	81.8	82.4	85.7	87.3	87.7	89.2	90.0	90.1	90.4	90.4	90.7	90.	
55.5	68.7	73.6	79.4	82.4	83.4	87.1	88.9	89.4	91.8	91.9	92.1	92.7	92.7	93.0	93.3	
55.5	68.7	73.6	79.4	82.5	83.5	87.2	89.2	89.9	91.4	93.0	93.2	94.1	94.1	94.4	94.6	
55.5	68.7	73.6	79.4	82.5	83.6	87.4	89.5	90.3	92.1	94.	94.2	95.2	95.5	95.9	96.3	
55.7	68.9	73.8	79.6	82.9	84.0	88.0	90.7	91.6	94.3	96.6	96.8	98.4	98.9	99.5	99.	

TOTAL NUMBER OF OBSERVATIONS 916

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CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

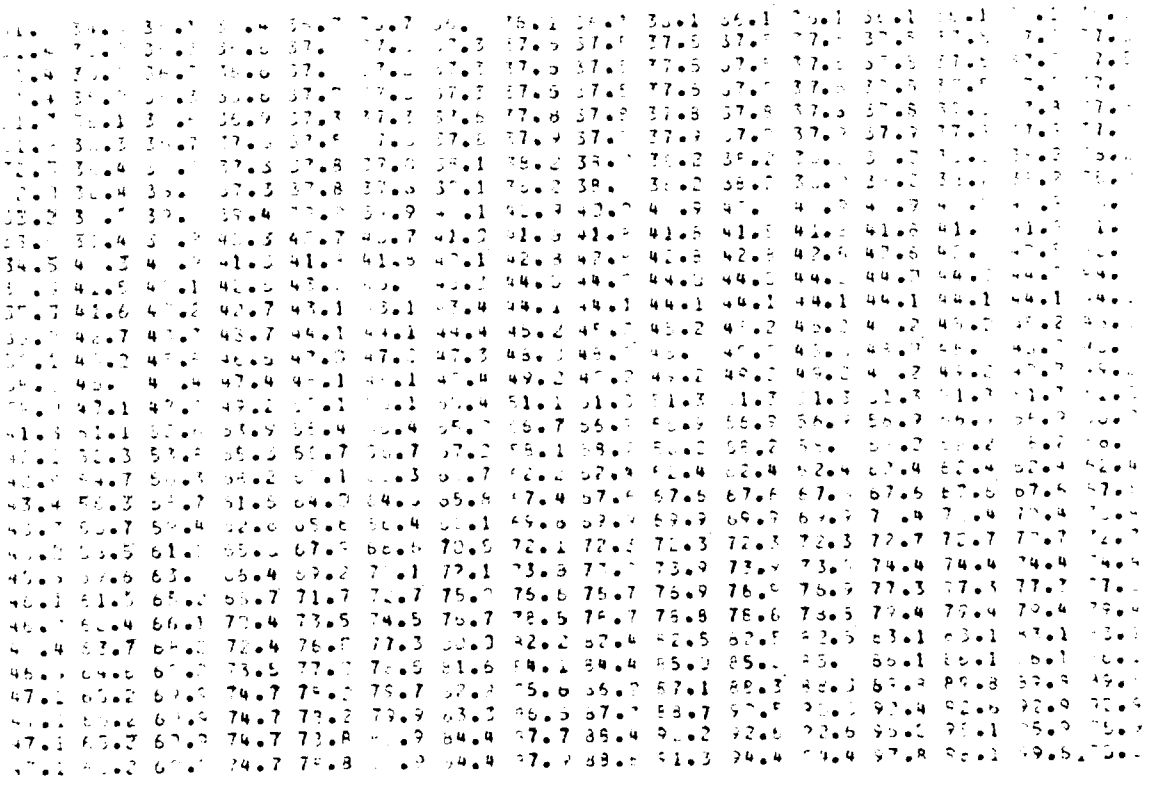


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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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26.4	26.1	26.7	26.5	26.6	26.6	26.8	26.8	26.9	26.9	26.9	26.9	26.9	27.	27.		
27.0	27.0	27.1	27.1	27.2	27.2	27.3	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5
27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
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30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
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35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
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40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
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45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
72.9	72.9	72.9	72.9	72

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] SERVICE/MAC

SKY COVER

[illegible] STATION [illegible] STATION NAME [illegible] FEET [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	[illegible]
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible]			[illegible]			[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]			•			[illegible]	[illegible]	[illegible]	[illegible]

SKY COVER

STATION _____ STATION NAME _____ PERIOD _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] CAPE [illegible] AFB AK [illegible]
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	[illegible]
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

[illegible] CLIMATOLOGY BRANCH
USETAC
[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] CAM RANH BAY AB [illegible] 57-61 [illegible]
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible].7			[illegible]						[illegible].6	[illegible].4	[illegible].3	[illegible]
	[illegible]	5.7			[illegible].9						[illegible].1	55.3	[illegible]	[illegible]
	[illegible]	2.4			[illegible].3						[illegible].1	[illegible].7	[illegible].4	[illegible]
	[illegible]	[illegible].7			[illegible].5						[illegible].7	[illegible].1	[illegible].4	[illegible]
	[illegible]	2.3			[illegible].2						[illegible].7	[illegible].3	[illegible].4	[illegible]
	[illegible]	[illegible].6			[illegible].9						[illegible].6	[illegible].2	[illegible].3	[illegible]
	[illegible]	[illegible].7			[illegible].3						[illegible].2	[illegible].4	[illegible].4	[illegible]
	[illegible]	[illegible].7			[illegible].3						[illegible].9	[illegible].4	[illegible].2	[illegible]
TOTALS		[illegible].4			[illegible].3						[illegible].5	[illegible].3	[illegible].3	[illegible]

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[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

SKY COVER

STATION [illegible] STATION NAME [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	N
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	40.1			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	30.5			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] ELMENDORF AIR FORCE BASE
[illegible] AFB, ALASKA

SKY COVER

[illegible] | CAMP ELMENDORF AFB AK | 73-91 | [illegible]
STATION | STATION NAME | PERIOD | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	[illegible]
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	2.2			12.4						21.1	52.[illegible]	[illegible].7	[illegible]
	[illegible]	.3			4.3						12.	33.4	[illegible].7	[illegible]
	[illegible]	.6			7.7						23.1	55.6	[illegible].	[illegible]
	[illegible]	.9			9.6						22.3	57.4	[illegible].7	[illegible]
	12-14	.9			13.1						25.[illegible]	51.	[illegible].7	[illegible]
	[illegible]	1.4			14.1						27.1	57.5	[illegible].6	[illegible]
	[illegible]	.2			17.7						24.6	57.9	[illegible].9	[illegible]
	21-23	.1			11.						24.1	64.	[illegible].9	[illegible]
TOTALS		.9			1 .9						27.9	53.1	[illegible].8	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SKY COVER

[illegible] CAPE HENRY AFS VA 77-80 [illegible]
STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	[illegible]
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	1.2			11.4						17.7	59.7	[illegible]	[illegible]
	[illegible]	.1			1[illegible].5						17.4	7[illegible]	[illegible]	[illegible]
	[illegible]	.[illegible]			[illegible].6						17.7	71.[illegible]	[illegible]	[illegible]
	[illegible]-11	1.7			[illegible].9						12.1	67.[illegible]	[illegible]	[illegible]
	12-14	1.3			17.2						16.2	59.3	[illegible]	[illegible]
	15-17	1.3			17.3						17.9	65.6	[illegible]	[illegible]
	[illegible]-20	1.[illegible]			[illegible].4						11.7	63.[illegible]	[illegible]	[illegible]
	21-23	.7			13.[illegible]						15.5	66.2	[illegible]	[illegible]
TOTALS		.[illegible]			1[illegible].2						1.3	65.3	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L SAT CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/ MAC

SKY COVER

... CAPE NEWENHAM AFS, AK — 73-8...

STATION — STATION NAME — PERIOD — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
...	...-...	4.5			13.0						14.5	68.1	8.4	5...
	...-...	3.1			12.4						...1	74.4	8.5	31...
	...-...	1.9			7.3						13.7	77.4	8.7	31...
	...-11	1.4			5.9						12.1	79.4	8.7	31...
	11-14	.7			11.5						14.3	73.4	8.9	31...
	14-17	.8			11.9						9.7	77.7	8.8	37...
	...-...	1.7			11.5						7.2	79.4	8.9	7...
	...-23	.9			12.6						11.1	72.4	8.7	33...
TOTALS		2			10.9						11.3	74.2	8.8	7...

USAFETAC FORM JUL 66 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER GROUP [illegible] AFRC

SKY COVER

[illegible] [illegible] [illegible] [illegible]
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

USAF CLIMATOLOGY BRANCH
USTAC
WEATHER [illegible] / AC

SKY COVER

STATION _____ STATION NAME _____ YEARS _____ LAT _____ LONG _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	[illegible]
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	.1			21.2						23.5	4[illegible].2	[illegible].7	
	[illegible]	6.7			[illegible].9						23.3	3[illegible].1	[illegible].7	[illegible]
	[illegible]	7.5			14.6						7.8	35.[illegible]	[illegible].4	[illegible]
	[illegible]-11	3.4			[illegible].7						33.5	3[illegible].4	[illegible].7	[illegible]
	12-14	3.5			1[illegible].3						32.7	37.5	[illegible].[illegible]	[illegible]
	15-17	[illegible].5			11.[illegible]						36.5	4[illegible].4	[illegible].[illegible]	[illegible]
	[illegible]-20	3.6			[illegible].1						34.4	37.[illegible]	[illegible].5	74.[illegible]
	21-23	4.1			15.7						27.2	3[illegible].[illegible]	[illegible].2	79.[illegible]
TOTALS		[illegible].7			14.[illegible]						29.9	31.[illegible]	[illegible].3	[illegible]79

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SKY COVER

STATION | STATION NAME | PERIOD | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	.4			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		.6			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SKY COVER

... | CAPE ...ENHAM AFS AP | 7?-6?
STATION | STATION NAME | PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS AT HOURS	
		0	1	2	3	4	5	6	7	8	9	10		
... C	...-...	1...4			13.9						...4	...4	7.5	
	...-...	13.1			14.7						16.6	15.9	7.3	
	...-...	11.6			17.7						...5	...-	7.5	
	...-...	.1			15.5						25.9	31.5	7.5	1
	14-14	7.1			17.3						25.8	49.-	7.9	1
	15-17	7.9			17.9						24.4	4...5	7.7	75
	...-...	12.7			17.4						...2	31.	7.7	85
	21-23	17.5			15.6						15.3	...5	7.	67
TOTALS		...9			15.1						...2	...7	7.5	6...

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L EAL CLIMATOLOGY B ANCH
.. F.TAC
.. WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	YEARS
[illegible]	CAPE [illegible]ENHAM AFB MA	72-8[illegible]	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	1 .[illegible]			1[illegible].[illegible]						[illegible].[illegible]	[illegible].1	[illegible].[illegible]	667
FEB		[illegible].1			[illegible].[illegible]						[illegible].[illegible]	[illegible].[illegible]	.[illegible]	[illegible]
MAR		[illegible].[illegible]			17.[illegible]						33.[illegible]	[illegible].4	[illegible].[illegible]	[illegible]
APR		3.[illegible]			1[illegible].[illegible]						33.[illegible]	36.3	[illegible].3	[illegible]
MAY		.1			1[illegible].4						47.[illegible]	[illegible].[illegible]	[illegible].1	61[illegible]
JUN		.[illegible]			[illegible].[illegible]						33.[illegible]	47.1	[illegible].[illegible]	[illegible]
JUL		.[illegible]			1 .[illegible]						1[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible]
AUG		.[illegible]			1 .[illegible]						33.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
SEP		[illegible].[illegible]			[illegible].1[illegible]						[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible]
OCT		[illegible].7			[illegible].[illegible]						[illegible].[illegible]	31.6	[illegible].3	[illegible]
NOV		[illegible].6			1[illegible].[illegible]						[illegible].[illegible]	[illegible].	[illegible].1	66[illegible]
DEC		[illegible].1[illegible]			1[illegible].1						[illegible].2	[illegible].	[illegible].[illegible]	[illegible]
TOTALS		[illegible].[illegible]			1[illegible].4						[illegible].[illegible]3	[illegible].5	[illegible].1	7[illegible]24

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E

3. [illegible] percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and Annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

...L FAL CLIMATOLOGY BRANCH
...FLTAC
A... WEATHER SERVICE/MAC
7... ...F CAPE NEWENHAM AFS AK 53-60
STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
75							.4						.4
7							.7	.2					.4
65					.1	.7	3.4	1.1	.2				.4
6					.5	3.6	13.6	7.6	1.4				2.3
55					3.5	13.7	34.7	39.2	6.8				9.0
5	.1	.2			12.5	38.7	70.4	86.6	44.0	1.9	.4	.1	21.4
45	.8	.5	.1	1.5	30.7	73.7	98.7	99.8	89.6	18.6	1.4	.5	43.7
4	2.2	1.1	3.7	13.6	57.7	94.7	100.0	100.0	97.7	50.6	17.5	4.9	61.4
35	31.3	22.6	23.1	4 .8	85.2	100.0			100.0	78.7	45.6	25.5	69.5
3	53.3	41.1	50.3	71.4	97.4					91.3	85.5	45.7	78.5
25	63.6	51.5	62.8	85.1	99.5					97.5	91.2	58.8	83.2
2	70.4	61.1	72.1	91.1	100.0					99.2	97.8	66.1	87.7
15	75.9	69.2	79.9	96.5						100.0	98.4	75.7	91.5
1	81.3	77.1	87.9	99.0							99.0	83.5	93.5
.5	85.6	83.4	93.2	99.7							99.7	89.7	95.7
0	91.0	90.2	96.4	100.0							99.9	94.6	97.7
-5	95.7	96.1	97.8								100.0	98.5	99.1
-10	98.9	98.9	99.6									99.5	99.7
-15	100.0	100.0	100.0									100.0	100.0
MEAN	24.1	21.0	25.3	31.7	41.4	49.2	53.3	53.0	49.0	36.7	31.0	24.1	37.
S.D.	14.57	14.48	11.96	7.88	6.82	5.76	5.55	4.99	4.22	8.38	9.69	10.83	14.77
TOTAL OBS	725	643	723	720	775	775	775	465	662	727	775	775	5,985

USAFETAC FORM 0-7 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible] CAPE NEWENHAM AFS AK 53-[illegible]
STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
[illegible]							.1						
[illegible]						.3	1.6	.5					
[illegible]					.3	1.3	14.5	25.1	6.1	.2			
[illegible]					1.3	17.7	59.[illegible]	83.8	47.6	2.5			
[illegible]	.8	.2		.1	12.5	64.3	97.1	99.8	81.2	15.6	1.9		
[illegible]	6.4	2.5	1.4	6.3	43.6	91.7	100.0	100.0	96.5	43.1	14.5	3.4	
[illegible]	12.3	7.2	5.[illegible]	12.8	59.7	96.5			98.4	55.3	23.9	7.7	
[illegible]	23.[illegible]	16.5	18.1	29.3	81.7	99.9			99.4	71.1	38.5	17.6	
[illegible]	41.4	30.[illegible]	36.1	53.5	96.6	100.0			100.0	87.9	55.6	32.7	
[illegible]	5[illegible].7	38.7	48.1	69.3	98.9					96.[illegible]	71.8	43.1	
[illegible]	58.4	47.1	57.8	8[illegible].6	100.0					98.6	82.[illegible]	53.7	
[illegible]	66.[illegible]	57.4	67.[illegible]	9[illegible].6						99.8	88.9	67.4	
[illegible]	75.2	65.6	76.9	96.9						100.0	95.[illegible]	73.6	
[illegible]	78.4	72.2	85.7	98.9							98.5	83.[illegible]	
[illegible]	85.6	83.[illegible]	92.7	99.9							99.[illegible]	90.1	
[illegible]	93.2	92.2	95.5	100.0							100.0	97.1	
[illegible]	97.9	96.7	98.6									98.9	
[illegible]	99.7	99.7	99.9									100.0	
[illegible]	100.0	100.0	100.0										
MEAN	15.7	12.[illegible]	15.[illegible]	23.2	35.[illegible]	[illegible].3	45.6	47.5	43.2	32.8	24.3	18.[illegible]	
[illegible]	15.7[illegible]	15.[illegible]	13.467	[illegible].[illegible]37	5.173	4.250	3.692	3.[illegible]27	4.351	6.895	[illegible].241	13.[illegible]3	
TOTAL OBS	723	643	729	720	744	733	731	665	692	6[illegible]3	71[illegible]	75[illegible]	

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible] CAPE NEVENHAM AFB AK 53-57
STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.4						.
[illegible]					.1	.1	2.1	.3	.2				.[illegible]
[illegible]					.3	2.3	14.0	10.6	2.3				.[illegible]
[illegible]					2.6	14.3	46.[illegible]	63.3	27.2				11.[illegible]
40	.3	.2			11.6	50.8	91.7	98.5	71.6	7.5			2[illegible].[illegible]
4	2.6	1.4	.5	2.9	38.2	85.2	1[illegible].0	100.0	95.[illegible]	31.1	7.1	.6	37.7
3[illegible]	10.2	9.5	8.9	19.4	71.3	98.6			99.2	62.7	29.3	10.[illegible]	51.[illegible]
2	3[illegible].6	27.5	33.3	50.7	94.2	100.0			1[illegible].0	93.9	51.[illegible]	26.3	67.[illegible]
2[illegible]	52.1	39.6	48.6	7[illegible].3	98.4					95.2	7[illegible].7	44.[illegible]	7[illegible].[illegible]
20	5[illegible].6	43.8	60.6	82.8	1[illegible].0					98.2	82.5	56.4	7[illegible].[illegible]
10	69.0	57.7	70.2	91.7						99.7	9[illegible].6	66.7	8[illegible].[illegible]
1	75.[illegible]	6[illegible].[illegible]	78.7	96.9						1[illegible].0	94.2	75.4	9[illegible].7
[illegible]	8[illegible].6	75.4	88.2	98.9							9[illegible].[illegible]	83.5	9[illegible].[illegible]
[illegible]	9[illegible].3	82.3	93.1	1[illegible].0							99.3	9[illegible].[illegible]	9[illegible].[illegible]
-5	9[illegible].3	91.4	96.2								1[illegible].0	96.[illegible]	9[illegible].[illegible]
-1[illegible]	97.6	9[illegible].9	98.2									98.8	99.[illegible]
-15	99.2	99.7	99.9									99.9	99.9
-[illegible]	1[illegible].0	1[illegible].0	1[illegible].0									1[illegible].0	1[illegible].0
MEAN	[illegible]4	1[illegible]	[illegible]	27.7	37.[illegible]	44.6	4[illegible]	[illegible].5	4[illegible].4	3[illegible]	2[illegible]	19.7	[illegible]
S.D.	[illegible]	14.78	12.51	[illegible].151	[illegible].797	4.753	4.159	3.279	4.[illegible]	[illegible].437	[illegible].450	[illegible].147	[illegible].164
[illegible]	723	643	726	723	77[illegible]	[illegible]13	77[illegible]	665	682	797	719	775	[illegible]

USAFETAC [illegible] 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]													
[illegible]													
[illegible]													

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S.D													
TOTAL OBS.													

NOTES

USAF ETAC FORM JUL 84 0-88 5 (OLA)

(AT LEAST ONE DAY LESS THAN FULL MONTH)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3300 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 1 0000-2300

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	OBS	OBS	OBS	OBS
45/ 45					.1																												1	1		
44/ 43					.1																												1	1		
42/ 41				.1	.1																												2	2	1	
40/ 39			.2	1.4	1.1																												23	23	5	3
38/ 37			.1	4.9	1.8																												56	58	12	3
36/ 35			.7	2.1	1.4	.5																											99	99	12	22
34/ 33			.8	9.9	.6																												96	96	112	51
32/ 31			2.5	2.4	.5																												105	105	170	139
30/ 29			2.8	3.9	.5																												61	61	101	71
28/ 27			3.1	2.8																													50	50	61	90
26/ 25			.7	3.1	.1																												33	33	35	44
24/ 23			.1	1.9																													17	17	33	19
22/ 21			.6	1.7	.2																												23	23	16	30
20/ 19			1.2	1.6	.5																												28	28	27	30
18/ 17			.2	.8																													9	9	15	23
16/ 15			1.3	1.2																													21	21	24	21
14/ 13			1.8	1.2																													25	25	24	20
12/ 11			.8	1.1																													16	16	16	15
10/ 9			.6	.6																													10	10	14	21
8/ 7			.2	1.6																													16	16	12	12
6/ 5				.7																													6	6	14	7
4/ 3			.5	.9																													12	12	10	15
2/ 1			.4	1.5																													16	16	11	9
0/ -1			1.1																														9	9	16	16
-2/ -3			2.0	1.1																													26	26	26	9
-4/ -5			1.2	.6																													15	15	14	16
-6/ -7			2.9	.1																													26	26	26	4
-8/ -9			2.2																														19	19	20	12
-10/-11			1.8																														15	15	15	23
-12/-13			.5																														4	4	4	14
-14/-15			.7																														6	6	6	20
-16/-17																																				25
-18/-19			.2																														2	2	2	5
-20/-21																																				9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						< 0 F	< 20 F	< 32 F	< 32 F	< 50 F	< 73 F	Total
Ref. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723050 CAPE NEWENHAM AFS AK 73-82 JAN

	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49+	OBS	OBS
-22/-23																												3
-24/-25																												4
-26/-27																												1
-28/-29																												1
-30/-31																												2
-32/-33																												1
-34/-39																												2
TOTAL	31.2	61.4	6.9	.5																							850	850
																											850	850

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs	Mean No of Hours with Temperature						Total
						<0 F	0-32 F	33-45 F	46-55 F	56-65 F	>65 F	
Dry Bulb	568,640.	68774.	80.9	11.694	850		13.3	62.4				93
Wet Bulb	62,584.	19254.	22.7	14.977	850	13.3	62.4	17.3				93
Dew Point	574,217.	18359.	21.6	14.494	850	14.1	59.8	19.1				93
	504,627	14349	17.6	16.873	850	18.2	64.5	10.3				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEAT ER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725300 CAPE NEWENHAM AFS AK 73-82 JAN

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3350 CAPE NEWENHAM AFS AK 73-82 JAN

Temp. °F	WET BULB TEMPERATURE DEPRESSION °F 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 >31	TOTAL DB	TOTAL WB	Dew Point °F
-24/-25				5
-26/-27				7
-28/-29				3
-30/-31				4
-32/-33				2
-42/-43				1
-44/-45				2
TOTAL	33.659.5 6.6 .3	909	909	909

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature °F	°F	°F	°F	°F	Tmax
Dew Point	6008343	72931	80.213	8.134	909						
Dry Bulb	642411	19579	21.525	4.437	909	15.1	64.9				73
Wet Bulb	591264	18762	20.634	4.969	909	15.9	71.4				73
Dew Point	533925	14849	16.417	8.873	909	20.2	83.4				83

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 1 0600-0900

T(°F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL DB	TOTAL WB	TOTAL DP	
42/ 41		.3	.5															8	9		
40/ 39		1.0	1.3															21	21	4	
38/ 37	.2	4.3	2.2															61	61	25	4
36/ 35	.9	6.3	.7															90	90	71	20
34/ 33	2.0	7.3	.8															92	92	116	59
32/ 31	2.3	8.5	1.0															108	108	91	135
30/ 29	3.3	6.2																87	87	109	93
28/ 27	1.9	2.7																42	42	61	78
26/ 25	1.6	2.1	.5															39	39	37	64
24/ 23	1.0	2.1	.1															29	29	35	32
22/ 21	.9	1.7																24	24	23	38
20/ 19	.5	1.0	.2															16	16	17	32
18/ 17	.8	1.6																22	22	17	28
16/ 15	.7	1.3																16	18	22	23
14/ 13	1.1	1.3																22	22	20	21
12/ 11	.9	.9																16	16	16	18
10/ 9	.4	1.9																21	21	17	16
8/ 7	.4	.1																5	5	14	16
6/ 5	.7	.5																11	11	10	11
4/ 3	.8	1.0																16	16	13	14
2/ 1		2.2																20	20	14	16
0/ -1	1.7	.8																23	23	26	9
-2/ -3	2.5	1.1																33	33	32	5
-4/ -5	1.2	.4																15	15	23	11
-6/ -7	1.3	.1																13	13	13	17
-8/ -9	3.3																	33	33	33	19
-10/-11	2.1																	19	19	19	22
-12/-13	.7																	6	6	6	13
-14/-15	.7																	6	6	6	35
-16/-17	.4																	4	4	4	12
-18/-19																					13
-20/-21																					15
-22/-23																					4
-24/-25																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Number of Hours with Temperature						
Ref. Hum.						< 0°F	< 32°F	< 45°F	< 50°F	< 60°F	< 70°F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 7 0600-0900

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 >31	TOTAL DB WB	TOTAL Dep F
-26/-27			1
-28/-29			4
-30/-31			5
-32/-33			1
-42/-43			1
TOTAL	34 358 7 7 3	917 917	917

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature <32 F	<42 F	<52 F	<63 F	Total
Rel. Hum.	610642.	73986.	80.712.320		917					
Dry Bulb	649443	19936.	21.715.357		917	15.1	55.4			93
Wet Bulb	596579.	19007.	20.714.873		917	16.1	71.1			93
Dew Point	532762	15244	16.617.463		917	19.4	84.6			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72352 CAPE NEWENHAM AFS AK 73-82 JAN

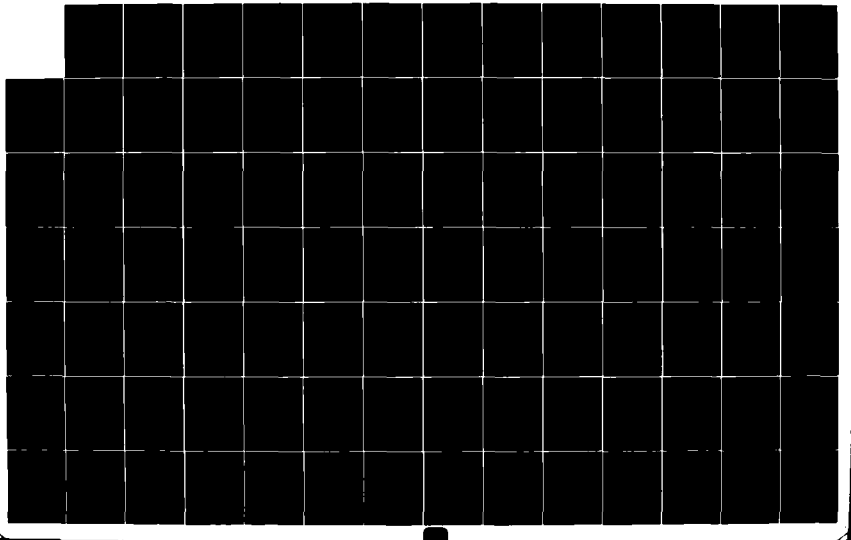
	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	DB	WB
90/ 41			.2	.4	.3																												9	9		
40/ 39			1.1	1.3																													22	22	2	
38/ 37			3.9	1.4																													49	49	20	1
36/ 35	.8	9.6	2.5																														120	120	72	18
34/ 33	.7	7.9	1.2	.1																													91	91	115	42
32/ 31	2.4	9.1	.8																														113	113	211	141
30/ 29	3.2	3.7	.3																														66	66	115	103
28/ 27	1.6	2.9	.2																														44	44	54	76
26/ 25	1.6	2.7	.3																														43	43	44	68
24/ 23	.8	2.1	.1																														27	27	34	50
22/ 21	1.0	1.6																															24	24	27	32
20/ 19	.1	2.2																															21	21	15	42
18/ 17	1.0	.9	.1																														18	18	26	15
16/ 15	.7	1.3																															18	18	15	32
14/ 13	1.2	2.0																															29	29	29	29
12/ 11	.4	1.3																															16	16	17	24
10/ 9	.3	.9																															11	11	16	22
8/ 7	.5	.4																															9	9	8	29
6/ 5	.5	.3																															8	8	9	21
4/ 3	.5	1.2																															16	16	14	22
2/ 1	.7	2.1																															25	25	16	12
0/ -1	1.8																																17	17	34	12
-2/ -3	1.8	.7																															23	23	21	7
-4/ -5	1.4	1.3																															25	25	23	14
-6/ -7	2.3	.2																															20	20	22	21
-8/ -9	1.7																																16	16	18	15
-10/-11	2.2																																20	20	20	16
-12/-13	1.1																																10	10	10	10
-14/-15	.1																																1	1	1	3
-16/-17	.5																																5	5	5	23
-18/-19	.3																																3	3	3	3
-20/-21																																				8
-22/-23																																				9
-24/-25																																				3

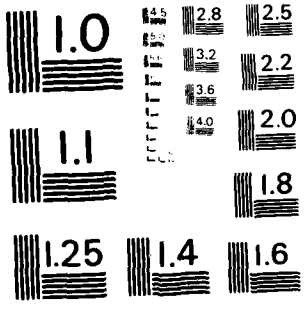
Element	ΣX^2	ΣX	$\bar{X}$	σ_X	N	Obs	Mean Monthly Maximum Temperature							Mean Monthly Minimum Temperature						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

AD-A131 192 CAPE NEWENHAM AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83

UNCLASSIFIED USAFETAC/DS-83/019 SBI-AD-E850 397 F/G 4/2 NL

4/5





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13350 CAPE NEWENHAM AFS AK 73-82 JAN

	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL DB WB	TOTAL Wet Bulb Dew Point
	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+										
-26/-27																										4	
-28/-29																										5	
-30/-31																										1	
-32/-33																										2	
-42/-43																										1	
TOTAL	31	059	8	8	7	4																				919	919
																										919	919

Element	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature (F)					
						-1 F	-32 F	-17 F	-2 F	-1 F	Total
Dry Bulb	5978078.	73264.	79.712	8.890	919						
Wet Bulb	660488.	20244.	22.015	5.288	919	14.2	63.6				x3
Dew Point	621364.	192.4.	20.914	5.752	919	15.5	71.8				x3
	527968	15284	16.627	9.269	919	13.2	85.8				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73830 CAPE NEWENHAM AFS AK 73-82 JAN

F	WET BULB TEMPERATURE DEPRESSION F																											TOTAL DB	TOTAL WB		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
60/ 41				.1	.7																								7	7		
42/ 39			2.4	1.4																									35	35	5	
38/ 37			5.7	1.3																									64	64	77	3
36/ 35		.4	8.5	2.7																									107	107	64	45
34/ 33		1.1	6.4	1.7																									89	89	122	53
32/ 31		1.5	11.3	1.1																									119	119	96	142
30/ 29		2.8	3.9	.5	.1																								64	64	100	93
28/ 27		2.5	2.9	.2																									52	52	56	73
26/ 25		.7	2.6	.3																									33	33	86	77
24/ 23		.7	2.7	.1																									32	32	43	45
22/ 21		.7	1.8																										23	23	29	29
20/ 19		.1	1.2																										12	12	16	46
18/ 17		.9	.8																										15	15	13	19
16/ 15		.3	2.7																										28	28	16	26
14/ 13		.4	1.4																										17	17	26	27
12/ 11		.1	1.7																										17	17	12	14
10/ 9		.1	1.2	.1																									13	13	16	15
8/ 7		.2	.9																										10	10	15	14
6/ 5		.3	.8																										10	10	7	13
4/ 3		.2	1.1																										12	12	12	13
2/ 1		.9	3.0																										36	36	28	14
0/ -1		1.8	.7																										23	23	33	12
-2/ -3		.8	.8																										14	14	15	14
-4/ -5		2.3	1.1																										31	31	31	21
-6/ -7		1.3	.2																										14	14	16	17
-8/ -9		1.8																											17	17	16	14
-10/-11		1.4																											13	13	13	25
-12/-13		.4																											4	4	4	12
-14/-15		.3																											3	3	3	26
-16/-17		.3																											3	3	3	24
-18/-19		.2																											2	2	2	13
-20/-21		.1																											1	1	1	11
-22/-23																																5
-24/-25																																11

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Max	Min	Mean	Std Dev	Range
Rel Hum										
Dry Bulb										
Wet Bulb										
Dew Point										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725306 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 2 1200-1400

°F	WET BULB TEMPERATURE DEPRESSION °F 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 >30	TOTAL DB	TOTAL WBT
-2 / -27			4
-4 / -47			2
-6 / -57			1
TOTAL	24 864 913 2 1	920	920
		920	920

| Element | Σx^2 | Σx | $\bar{x}$ | σ_x | No. Obs | Mean No. of Hours with Temperature °F | °F | °F |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73056 CAPE NEWENHAM AFS AK 73-82 JAN

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL OBS	TOTAL OBS		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
44/ 43					.1																							1	1		
42/ 41				.4	.1																							4	4		
4 / 39		.1	1.2	1.9																								27	27	5	1
38/ 37		.6	4.0	1.3																								46	46	25	5
3 / 35			8.6	2.2																								89	89	49	12
34/ 33		1.5	9.3	1.2																								98	98	115	48
3 / 31		2.2	9.9	1.0																								107	107	97	127
30/ 29		4.4	4.6	.2	.1																							77	77	116	106
2 / 27		1.1	3.2	.2																								37	37	95	73
26/ 25		1.3	1.8	.5																								27	27	38	59
24/ 23		.1	1.0																									26	26	17	34
22/ 21		.6	.6																									10	10	26	27
2 / 19		.6	1.9																									21	21	16	31
1 / 17		.2	1.5																									14	14	19	11
16/ 15		.2	2.1																									19	19	10	30
14/ 13		.4	2.1																									20	20	26	14
1 / 11		.4	1.1																									12	12	17	17
10/ 9		.1	.7																									7	7	11	8
8/ 7		.4	1.3	.1																								15	15	10	14
6/ 5		.2	.5																									6	6	14	12
4/ 3		.4	1.7																									17	17	12	11
2/ 1		.1	2.4																									21	21	16	12
0/ -1		1.3	1.1																									20	20	12	3
-2/ -3		1.2	1.1																									19	19	23	14
-4/ -5		2.7	.4																									25	25	30	13
-6/ -7		1.1	.2																									11	11	15	12
-8/ -9		2.4																										20	20	21	14
-10/-11		1.9																										16	16	16	16
-12/-13																															15
-14/-15		.4																										3	3	3	21
-16/-17		.2																										2	2	2	10
-18/-19		.4																										3	3	3	8
-20/-21		.1																										1	1	1	15
-22/-23																															2

	Σx	Σx	x		N Obs	Mean Wet Bulb Temperature				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723350 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 1 1500-1700

WET BULB TEMPERATURE DEPRESSION F

F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	TOTAL	TOTAL
-24/-25		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3350 CAPE NELSON AFS AK 73-75,77-82 JAN

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_3050 CAPE NEWENHAM AFS AK 73-75,77-82 JAN

PAGE 2 1000-2000

TYPE F	WET BULB TEMPERATURE DEPRESSION F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL DB + B	TOTAL DB - B	TOTAL wet B	TOTAL Dew P
TOTAL	23.862.2	9.1																640			640
																		640		640	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs	Mean No. of Hours with Temperature						
Rel Hum	4373759.	52461.	82.010.484.		640							
Dry Bulb	5053.3.	159.9.	24.711.378.		640	9.2.	63.6.					93
Wet Bulb	466.322.	150.76.	23.612.933.		640	10.3.	69.3.					93
Dew Point	393853.	127.55.	19.918.783.		640	13.7.	84.4.					93

...RAL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7...3SC CAPE NE...NHAM AFS AK 73-74,76-82 ...

PAGE 1 2123-2723

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

713350 CAPE NEWENHAM AFS AK 73-74,76-82 JAN

PAGE 2 2100-2300

WET BULB TEMPERATURE DEPRESSION F

F	1	2	3-4	5-6	7	8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23	24	25	26-27	28-29	30	>31	TOTAL DB	TOTAL WET B	DEP
TOTAL	29	60	6	9	5	.	3															629	629	

	Σx	Σx²	x̄	σx	N							
DB	423924.	50388.	82.710	.330	629							
DP	483122.	15154.	24.913	.236.	629	8.7	59.7					93
WET B	442757.	14467.	23.812	.766.	629	9.5	66.7					93
DEPRESS	379222.	12366.	20.314	.517	629	12.8	64.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723050 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 1 ALL

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725350 CAPE NEWENHAM AFS AK 73-82 JAN

PAGE 7 ALL

°F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25	26	27-28	29-30	≥31	TOTAL DB & WB	TOTAL Wet B. & Dew P.
-20/-23																					55
-24/-25																					34
-26/-27																					22
-28/-29																					15
-30/-31																					16
-32/-33																					6
-34/-35																					2
-42/-43																					3
-44/-45																					2
-46/-47																					2
-50/-51																					2
-56/-57																					2
TOTAL	30.061.5	8.3	.2																	6585	6585
																				6585	6585

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours in Temperature Range: <-30°F	-30°F–-21°F	-20°F–-11°F	-10°F–-1°F	0°F–9°F	≥10°F	Total
Dry Bulb	4852964.	149460.	22.714	.893	6585	134.4	563.8					744
Wet Bulb	4435345.	142133.	21.618	.410	6585	112.9	562.7					744
Dew Point	3905548	114976	17.516	.979	6585	148.9	578.5					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723080 CAPE NEWENHAM AFS AK 73-82 FEB

PAGE 1 2000-0200

DB °F	WET BULB TEMPERATURE DEPRESSION °F 0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL #	TOTAL %	CUM ABV %	CUM BLW %
50/ 41			.5	.3															6	6	.	
42/ 39			2.4	.6															24	24	3	1
38/ 37		.1	1.3	.8															17	17	23	3
36/ 35		.3	6.8	.5															59	59	82	.6
34/ 33		1.7	4.9	.9															58	58	87	12
32/ 31		1.7	6.2	1.2															69	69	96	79
30/ 29		.5	4.1	.5															40	40	92	44
28/ 27		1.2	3.7																39	39	44	4
26/ 25		1.2	1.9	.1															25	25	46	0
24/ 23		1.3	1.9																29	29	29	0
22/ 21		.4	.9	.5															14	14	14	0
20/ 19		.4	3.5																30	30	77	64
18/ 17		.8	2.3																24	24	72	8
16/ 15		.1	4.6																37	37	26	64
14/ 13		.5	2.4																23	23	73	49
12/ 11		1.3	2.7																31	31	29	32
10/ 9		.1	3.9																31	31	34	27
8/ 7		1.3	1.8																24	24	30	64
6/ 5		.4	1.0																11	11	21	65
4/ 3		1.3	.6																13	13	13	27
2/ 1		1.5	1.7																25	25	13	33
0/ -1		2.2	1.8																31	31	26	17
-2/ -3		2.7	1.0																29	29	40	10
-4/ -5		3.0	.5																27	27	11	15
-6/ -7		1.5																	12	12	12	15
-8/ -9		1.4																	11	11	11	15
-10/-11		1.2																	9	9	9	16
-12/-13		1.2																	8	8	8	17
-14/-15		1.4																	11	11	11	13
-16/-17		1.3																	8	8	8	11
-18/-19		.4																	3	3	3	9
-20/-21																						9
-22/-23																						13
-24/-26																						4

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Wet Bulb Temperature °F		Mean Dew Point Temperature °F		Mean Relative Humidity %
						Abs	Diff	Abs	Diff	
Dry Bulb										
Wet Bulb										
Dew Point										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_3350 CAPE NEWENHAM AFS AK 73-82 FEB

PAGE 7 3233-3283

Temp °F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL DB	TOTAL Wet B	TOTAL Dew P
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>32											
-26/-27																												2
-28/-29																												1
-30/-31																												1
-32/-33																												1
TOTAL	32.162.5	5.4																								778		778
																										778	776	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean Max Min Temperature						
Dry Bulb	493456.7	61345.	78.811	.201	778							
Dry Bulb	432435.	13837.	17.815	.486	778	15.1	55.3					84
Wet Bulb	394185.	13061.	16.815	.304	778	17.4	70.4					84
Dew Point	343635.	9543.	12.317	.077	778	21.6	77.8					68

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72352 CAPE NEWENHAM AFS AK 73-82 FEB

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 FEB

PAGE 2 0300-0500

	WET BULB TEMPERATURE DEPRESSION F																														TOTAL		TOTAL	
F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	OB	WB	OB	WB
-24/-25																																		12	
-22/-29																																		3	
TOTAL	34	46	30	5	0	1																										831		831	
																																831		831	

F	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean Daily Maximum Temperature						Mean Daily Minimum Temperature						Mean Daily Temperature					
	5319097	65851	79.231	.324	831																		
	4551.8	1466	17.615	.386	831			16.1		67.5													84
	415301	13853	16.714	.934	831			16.9		71.6													84
	360983	10169	12.216	.578	831			21.1		78.5													84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703050 CAPE NEWENHAM AFS AK 73-82 FEB

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	WB	DB	WB	DB
44/ 43				.1																								1	1		
42/ 41			.4	.4																								6	6		
4 / 39			1.7	.1																								15	15	4	
3 / 37		.2	1.4	.4																								17	17	21	4
7 / 35		.8	4.2	1.1																								51	51	28	43
34/ 33		.8	8.2	.6																								79	79	57	57
32/ 31	1.8	5.8	.4																									66	65	65	66
30/ 29	1.0	4.3	.6																									49	49	54	57
28/ 27	1.4	2.9	.2																									38	38	53	59
26/ 25	1.4	4.7	.2																									53	53	41	37
24/ 23	.6	1.8	.1																									21	21	38	37
22/ 21	.1	1.1	.1																									11	11	21	4
20/ 19	.4	2.3																										22	22	16	27
18/ 17		2.5	.2																									23	23	17	27
16/ 15	2.3	2.0	.1																									37	37	40	31
14/ 13	1.1	3.2																										36	36	25	22
12/ 11	1.3	3.0																										36	36	36	31
10/ 9	1.2	2.3																										27	27	27	26
8/ 7	1.1	2.4																										29	29	31	23
6/ 5	1.1	.4																										12	12	26	19
4/ 3	1.4	1.2																										22	22	21	34
2/ 1	.7	1.7																										20	20	16	37
0/ -1	2.5	1.2																										31	31	28	21
-2/ -3	2.5	.8																										28	28	32	21
-4/ -5	2.1																											26	26	30	11
-6/ -7	1.9	.1																										17	17	16	23
-8/ -9	2.2																											18	18	19	25
-10/-11	.6																											5	5	5	29
-12/-13	1.2																											10	10	10	29
-14/-15	1.8																											15	15	15	16
-16/-17	.7																											6	6	6	7
-18/-19	.7																											6	5	6	11
-20/-21																															6
-22/-23																															7

Element	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Max.	Min.	1	2	3	4	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703350 CAPE NEWENHAM AFS AK 73-82 FEB

DB F	WET BULB TEMPERATURE DEPRESSION F 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 >30	TOTAL OB	TOTAL WB
-24/-25			1
-26/-27			5
-28/-29			7
TOTAL	35.159.2 4.7	833	833
		833	833

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Dry Bulb	5356171.	66167.	79.510	9.809	833							
Dew Point	451603.	14403.	17.415	5.508	833	16.3	67.3					64
Wet Bulb	413237.	13701.	16.415	5.027	833	15.8	72.9					64
Vapor Pressure	358164.	10040.	12.116	4.919	833	21.8	78.6					64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72305C JAPE NEWENHAM AFS AK 73-82 FEB

PAGE 1 0300-2100

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	OB	OB		
46/ 45					.1																							1	1		
44/ 43				.1	.1																							2	2		
42/ 41				.4	.5																							7	7	3	
40/ 39			2.3	.7																								23	23	8	4
38/ 37			1.8	.1																								16	16	14	7
36/ 35		.6	4.8	1.0																								53	53	31	12
34/ 33	1.4	2.7	1.2																									103	103	72	38
32/ 31	.5	4.3	1.0																									48	48	89	72
30/ 29	.6	4.3	.4																									44	44	36	77
28/ 27	1.3	2.9	.1																									36	36	56	81
26/ 25	.8	4.2	.1																									43	43	38	65
24/ 23	1.4	.7	.1																									19	19	41	57
22/ 21	.7	2.1	.1																									25	25	21	41
20/ 19	.6	3.3	.1																									34	34	16	32
18/ 17	.6	2.5	.2																									28	28	17	21
16/ 15	.5	3.5	.1																									34	34	31	16
14/ 13	.2	1.9																										18	18	24	17
12/ 11	1.4	1.7	.2																									28	29	20	12
10/ 9	1.2	1.9																										18	18	26	32
8/ 7	1.5	1.5																										26	26	26	34
6/ 5	1.3	.6																										13	13	17	16
4/ 3	1.3	1.7																										25	25	26	9
2/ 1	1.1	3.2																										36	36	25	1
0/ -1	2.9	.8																										31	31	36	22
-2/ -3	2.1	.6																										23	23	26	10
-4/ -5	2.9	.6																										29	29	29	32
-6/ -7	1.8																											15	15	19	22
-8/ -9	1.2																											10	10	12	23
-10/-11	1.8																											15	15	15	29
-12/-13	1.1																											9	9	9	18
-14/-15	2.0																											17	17	17	15
-16/-17	.5																											4	4	4	10
-18/-19	.7																											5	5	5	17
-20/-21																															13

Element	Σx^2	Σx	$\bar{x}$	σ_x	N	Obs	Mean Monthly Temperature
Dry Bulb							
Wet Bulb							
Dew Point							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703350 CAPE NEWENHAM AFS AK 73-82 FEB

DB °F	WET BULB TEMPERATURE DEPRESSION °F 0 1 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31-32 >32	TOTAL DB & WB	TOTAL Dew Point °F
-22/-23			9
-24/-25			6
-26/-27			7
-28/-29			1
-32/-33			1
TOTAL	33.7 6.0 1.1 0.2	839	839
		839	839

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs	Median Value of Temperature >32°F	>42°F	>52°F	>62°F	>72°F	Tons
Dry Bulb	5276897.	65893.	78.511	8.023	839						
Dew Point	973757.	14863.	17.715	8.821	839	15.9	63.5				84
Wet Bulb	1313.5.	14341.	16.715	8.306	839	17.1	73.9				84
Dew Point	374863.	10177.	12.117	9.319	839	23.5	77.9				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3150 CAPE NEWENHAM AFS AK 73-82 FEB

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72335 CAPE NEWENHAM AFS AK 73-82 FEB

PAGE 2 1200-1400

°F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL OBS	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47+		
-24/-25																											2
-26/-27																											6
TOTAL	29	56	0	41	0	0																				839	839
																										839	839

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Monthly Maximum	Mean Monthly Minimum	Extreme Maximum	Extreme Minimum	Year
Dry Bulb	518519.	65377.	77.9	10.657.	839					
Dew Point	507407.	16165.	19.2	15.382.	839	12.8.	50.3.			84
Wet Bulb	456144.	15122.	18.0	14.831.	839	13.8.	57.7.			84
Vapor Pressure	382759	11215.	13.4	16.669	839	21.9	78.3			84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72362 CAPE NEWENHAM AFS AK 73-82 PSE

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72335C CAPE NEWENHAM AFS, AK 73-82 ES=

	WET BULB TEMPERATURE DEPRESSION F	TOTAL DB WB	TOTAL
-24/-25			4
-26/-29			1
TOTAL	29.362.4 8.3	806	806
		806	806

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs			
	5064263.	63319.	78.610.571		806			
	477514.	15512.	19.214.211		806	11.3	62.5	84
	43.736.	14592.	18.114.364		806	13.3	68.9	84
	36.265.	10957.	13.616.202		806	21.6	78.5	84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70330 CAPE NEWENHAM AFS AK 73-82 FEB

PAGE 1 1800-2000

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3 4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL D-B	TOTAL Dew Point
42/ 41		.3																2	2		
40/ 39		2.3	.3															15	15	3	
38/ 37		3.3	.2															22	22	16	6
36/ 35	.9	4.9	1.4															46	46	35	24
34/ 33	1.4	7.6	.9															63	63	45	24
32/ 31	3.2	7.2																65	65	76	78
30/ 29	.5	2.7	.6															24	24	43	39
28/ 27	1.7	2.2	.2															26	26	24	38
26/ 25	.3	2.2	.3															18	18	16	36
24/ 23	.8	3.2	.3															26	26	32	49
22/ 21	1.1	1.7																18	18	29	21
20/ 19	1.3	3.6																31	31	14	19
18/ 17		3.6	.2															24	24	27	21
16/ 15	.3	2.7	.2															20	20	30	42
14/ 13	.9	2.7																23	23	14	21
12/ 11	1.1	1.6																17	17	24	45
10/ 9	2.2	3.0																33	33	31	29
8/ 7	.9	1.1																13	13	21	49
6/ 5	1.3	1.1																15	15	16	18
4/ 3	1.3	1.7																19	19	22	23
2/ 1	1.6	2.5																26	26	16	22
0/ -1	5.3	1.9																44	44	42	12
-2/ -3	2.5																	16	16	26	43
-4/ -5	1.1																	7	7	7	46
-6/ -7	1.3																	8	8	6	30
-8/ -9	.3																	2	2	2	26
-10/-11	.5																	3	3	3	9
-12/-13	.5																	3	3	3	4
-14/-15	.5																	3	3	3	12
-16/-17	.5																	3	3	3	4
-18/-19																					3
-20/-21																					7
-22/-23																					1
-24/-25																					1

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Max	Min	Mean Temperature
Rel. Hum.								
Dry Bulb								
Wet Bulb								
Dew Point								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723150 CAPE NEWENHAM AFS AK 73-32 FEB

PAGE 2 1800-2300

DRY BULB TEMP F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>32	TOTAL DB & WB	TOTAL WET BULB	TOTAL DEW POINT
TOTAL	32.8	62.7	4.6																635	635	
																			635	635	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Minimum	Maximum	Total
Rel Hum	4116530.	50690.	79.8	10.665	635			
Dry Bulb	363542.	12286.	19.3	14.068	635	11.8	64.4	04
Wet Bulb	332273.	11653.	18.4	13.667	635	13.1	73.9	04
Dew Point	279389.	8931.	14.1	15.578	635	19.6	78.2	64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703350 CAPE NEWENHAM AFS AK 75-82 FEB

PAGE 1 2100-2300

WET BULB TEMPERATURE DEPRESSION F																											TOTAL OBS	TOTAL OBS		
F	0	1-2	3-4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
44/ 43		.4																									2	2		
42/ 41		.7	.2																								5	5	6	
4 / 39		2.1	.5																								15	15	9	1
38/ 37	.2	3.5	.7																								25	25	18	9
36/ 35	.5	5.4	.5																								37	37	28	19
34/ 33	2.1	6.9	.9																								56	56	52	17
32/ 31	3.3	7.6	.7																								66	66	65	72
30/ 29	.5	1.8	.7																								17	17	43	33
28/ 27	1.4	3.7	.4																								31	31	24	24
26/ 25	.4	3.0	.2																								20	20	26	32
24/ 23	1.4	.9																									13	13	26	19
22/ 21	.5	1.4	.5																								14	14	14	8
20/ 19	1.2	3.0	.2																								25	25	18	12
18/ 17	.4	3.3	.2																								22	22	16	8
16/ 15	.4	3.0																									19	19	22	14
14/ 13	.7	3.9																									26	26	18	7
12/ 11	.4	1.1																									8	8	24	10
10/ 9	.7	3.7																									25	25	16	26
8/ 7	1.2	2.1																									19	19	27	11
6/ 5	1.1	1.1																									12	12	16	9
4/ 3	.4	1.1																									8	8	9	11
2/ 1	2.3	1.8																									23	23	19	29
0/ -1	4.0	2.1																									35	35	28	13
-2/ -3	3.3	.2																									20	20	32	11
-4/ -5	1.9																										11	11	11	7
-6/ -7	.9																										5	5	5	11
-8/ -9	.7																										4	4	4	7
-10/-11																														5
-12/-13	.4																										2	2	2	6
-14/-15																														11
-16/-17	.4																										2	2	2	3
-18/-19	.4																										2	2	2	3
-20/-21																														3
-22/-23																														1

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Median Value for Given Temperature					
						0 F	32 F	40 F	50 F	60 F	Total
Dry Bulb											
Wet Bulb											
Dew Point											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703350 CAPE NEWENHAM AFS AK 75-82 FEB

PAGE 1 2100-2300

TEMP F	WET BULB TEMPERATURE DEPRESSION F	TOTAL DB WB OBS	TOTAL WET BULB OBS
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 >31		
-32/-33			1
TOTAL	30.963.4 5.6	569	569
		569	569

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of M Hours with Temperature						Total
Rel. Hum.	3692616.	45306.	79.811	.292	569							
Dry Bulb	343461.	11395.	20.018	.245	569	12.0	63.3					84
Wet Bulb	315519.	10739.	19.013	.625	569	12.7	68.8					84
Dew Point	265768	8360	14.715	.864	569	18.2	77.2					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3056 CAPE NEWENHAM AFS AK 73-82 FEB

ALL

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	OB	WB	DB	WB
49/ 46				.2																								1	1		
48/ 43			.2	.1																								12	12		
42/ 41			.4	.2																								41	41	15	
40/ 39			1.3	.6																								147	147	50	7
38/ 37		.1	2.1	.4																								163	163	142	58
36/ 35		.6	5.7	1.2																								458	458	240	105
34/ 33		1.5	7.6	.8																								610	610	553	225
32/ 31		1.7	5.7	.9																								512	512	602	647
30/ 29		.7	3.5	.7																								299	299	395	432
28/ 27		1.2	3.1	.2																								272	272	340	309
26/ 25		.8	2.9	.2																								244	244	271	241
24/ 23		1.1	1.9	.1																								195	195	266	248
22/ 21		.5	1.8	.3																								160	160	167	276
20/ 19		.5	3.5	.2																								257	257	169	243
18/ 17		.4	3.0	.1																								218	218	272	156
16/ 15		.7	3.1	.2																								227	227	248	162
14/ 13		.7	2.3																									178	178	192	173
12/ 11		1.2	2.4	.2																								228	228	223	244
10/ 9		.8	2.3	.3																								191	191	234	234
8/ 7		1.1	1.5																									163	163	197	197
6/ 5		.9	1.3																									116	116	169	164
4/ 3		1.0	1.5																									154	154	152	205
2/ 1		1.6	2.4																									249	249	180	242
0/ -1		3.1	1.2																									265	265	275	145
-2/ -3		2.3	.4																									167	167	226	115
-4/ -5		2.6	.2																									167	167	174	191
-6/ -7		1.3	.0																									85	85	86	163
-8/ -9		1.2																										73	73	76	198
-10/-11		1.3																										81	81	81	166
-12/-13		.9																										58	58	58	117
-14/-15		1.2																										76	76	76	116
-16/-17		.6																										39	39	39	70
-18/-19		.4																										24	24	24	79
-20/-21																															75

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	Number	Maximum	Minimum	Mean	Std Dev
Dry Bulb									
Wet Bulb									
Dew Point									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703150 CAPE NEWENHAM AFS AK 73-82 FEB

PAGE 2 ALL

WET BULB TEMPERATURE DEPRESSION °F																														TOTAL OBS	TOTAL
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
-22/-23																																	48
-24/-25																																	39
-26/-27																																	42
-28/-29																																	9
-30/-31																																	2
-32/-33																																	3
TOTAL	32	46	13	6.3																											6130	6130	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Maximum Value	Minimum Value	Range	Mode
	3895160	484048	79.010	.939	6130				
	3505324	113156	18.515	.201	6130	113.5	515.0		672
	3186750	106862	17.414	.704	6130	122.5	562.0		672
	2726666	78362	13.016	.647	6130	173.6	625.4		672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23050 CAPE NEWENHAM AFS AK 73-82 MAR

	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		TOTAL	
F		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	WB	DB	WB	DB
42/	41				.1																											1	1		
40/	39			.1	.7																											7	7		
38/	37			1.4	1.1																											22	22	5	
36/	35			4.3	1.1																											65	65	27	3
34/	33	1.1	9.1	.6																												94	94	88	.9
32/	31	3.6	14.1	.8																												161	161	175	1.4
30/	29	2.5	6.9	.3																												85	85	148	.9
28/	27	2.1	4.4	.3																												59	59	74	1.2
26/	25	.8	1.7	.1																												23	23	43	.73
24/	23	.8	1.6																													21	21	31	.59
22/	21	.6	3.0																													31	31	70	.50
20/	19	1.4	1.6																													26	26	29	.50
18/	17	1.0	3.2																													37	37	29	.37
16/	15	.8	2.9	.1																												33	33	36	.30
14/	13	1.0	1.5																													22	22	21	.24
12/	11	1.0	.3																													12	12	25	.28
10/	9	1.3	1.7																													26	26	70	.34
8/	7	.3	1.6																													17	17	16	.19
6/	5	1.1	.8																													17	17	24	.6
4/	3	2.2	.9																													27	27	26	.16
2/	1	2.3	1.1																													30	30	24	.15
0/	-1	1.1	.2																													12	12	16	.26
-2/	-3	1.3	.2																													13	13	15	.18
-4/	-5	.9																														8	8	6	.2
-6/	-7	.7																														6	6	6	.6
-8/	-9	.1																														1	1	1	.7
-10/	-11	.2																														2	2	2	.4
-12/	-13	.2																														2	2	2	.12
-14/	-15	.7																														6	6	6	.3
-16/	-17	.5																														4	4	4	.4
-18/	-21																																		.8
-22/	-23																																		.3
-24/	-25																																		.1

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Max	Min	1 mm	1 inch	Trace	Mode
WB											
DB											
DEW PT											
WET BULB											
VAPOR PR											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723050 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 3 0000-0259

WET BULB TEMPERATURE DEPRESSION F

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>31	TOTAL DB WB	TOTAL
TOTAL	29	864	8	5.4																													870	870

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Maximum Hourly Temperature F						
Dry Bulb	6106996.	72486.	83.3	8.824	870							
Dew Point	589839.	19935.	22.912	.440	870	5.8	72.8					≠3
Wet Bulb	543846.	19362.	21.912	.050	870	5.4	83.2					≥3
Dew Point	455712.	16126.	18.513	.433	870	13.0	83.6					≤3

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702060 CAPE NEWENHAM AFS AK 73-82 MAR

DRY BULB	WET BULB TEMPERATURE DEPRESSION F																													TOTAL OBS		TOTAL	
F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
40/ 39			.1	.2																												3	3		
38/ 37			1.9	1.1																												27	27	4	
36/ 35			5.7	.8																												59	59	72	2
34/ 33		.3	11.4	.7																												113	114	96	40
32/ 31		1.3	12.1	.7																												126	126	119	113
30/ 29		2.2	8.3	.3																												99	99	172	68
28/ 27		2.4	4.0	.5																												64	64	90	114
26/ 25		.8	3.1																													35	35	44	63
24/ 23		.3	1.4																													16	16	32	47
22/ 21		.7	2.5	.1																												32	32	27	36
20/ 19		.7	2.5																													29	29	31	29
18/ 17		1.1	3.3																													40	40	33	20
16/ 15		.3	3.1																													31	31	42	31
14/ 13		1.0	1.2																													20	20	26	17
12/ 11		2.1	.9																													27	27	30	47
10/ 9		1.1	1.2																													21	21	20	25
8/ 7		1.1	1.2																													21	21	16	31
6/ 5		.1	1.8																													17	17	22	16
4/ 3		1.2	1.4																													27	27	25	13
2/ 1		2.1	2.0																													37	37	35	17
0/ -1		2.1	.1																													20	20	27	22
-2/ -3		1.2	.4																													15	15	14	27
-4/ -5		1.0																														9	9	12	20
-6/ -7		.5																														5	5	5	16
- 8/ -9		.9																														8	8	6	14
-10/-11		.2																														2	2	2	13
-12/-13		.3																														7	7	7	11
-14/-15		.5																														5	5	5	40
-16/-17		.1																														1	1	1	5
-18/-19																																			1
-20/-21																																			4
-22/-23																																			4
-24/-25																																			3
-26/-27																																			1

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean Wet Bulb Temperature						
						0-6 F	7-12 F	13-18 F	19-24 F	25-30 F	31-36 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723050 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 2 0300-0500

TEMP F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB & WB	TOTAL DB - DPT
TOTAL	25.769.9	4.4																915	914
																		914	914

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Most Negative Temperature						Most Positive Temperature						Total
DB	622235.	74951.	82.0	9.133	914													
DPT	592757.	70101.	22.0	12.861	915	7.1	72.4											93
WB	584929.	19149.	21.0	12.460	914	8.1	80.9											93
Dew Pt	45561.	15773.	17.3	18.055	914	16.1	90.9											93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72356 CAPE NEWENHAM AFS AK 73-82 MAR

DB °F	WET BULB TEMPERATURE DEPRESSION °F 1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL OBS	TOTAL OBS	TOTAL	
40/ 39			.2	.2															4	4		
38/ 37			2.6	.3															27	27	5	
36/ 35		.2	4.7	1.0															54	54	71	3
34/ 33		.3	11.2	.5															100	100	76	23
32/ 31		2.0	13.2	.8															146	146	113	113
30/ 29		2.4	5.6	.3															78	78	172	65
28/ 27		2.3	4.1	.3															62	62	66	42
26/ 25		.7	3.1	.1															35	35	79	70
24/ 23		.3	2.6																27	27	36	36
22/ 21		.9	2.4																30	30	37	45
20/ 19		.8	2.6																31	31	24	28
18/ 17		.4	3.4																35	35	30	25
16/ 15		.8	4.0																44	44	47	33
14/ 13		.1	1.2																12	12	17	27
12/ 11		1.2	1.3																23	23	27	40
10/ 9		1.3	1.3																24	24	25	29
8/ 7		.9	1.2																19	19	20	22
6/ 5		1.0	1.7																25	25	26	13
4/ 3		1.3	1.6																27	27	26	16
2/ 1		1.3	2.4																34	34	32	21
0/ -1		2.6	.1																25	25	24	19
-2/ -3		1.2	.3																12	12	13	23
-4/ -5		1.2	.2																13	13	15	27
-6/ -7		.5																	5	5	5	12
-8/ -9		.2																	2	2	2	21
-10/-11		1.0																	9	9	9	13
-12/-13		.7																	6	6	6	11
-14/-15		.5																	5	5	5	7
-16/-17		.1																	1	1	1	10
-18/-19		.1																	1	1	1	3
-20/-21																						3
-22/-23																						3
-24/-25																						3
-26/-27																						2

Element	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs	Mean Monthly Maximum Temperature
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 CAPE NEWENHAM AFS AK 73-82 MAR

WET BULB TEMPERATURE DEPRESSION F	TOTAL	TOTA
21/-29		1
TOTAL 26.17.3. 3.6.	917	916
	916	916

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs			
	6202467.	74893.	81.8	9.300.	916			
	582763.	13765.	21.612	.998.	917	8.2.	74.2.	93
	532563.	14825.	20.612	.618.	916	9.7.	81.4.	93
	485705.	15387.	16.818	.305	916	15.2	97.4	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73-82

MAR

PAGE 1 0900-1100

WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
42/ 41				.2																							2	2		
40/ 39			.3	.9	.1																						12	12	1	
38/ 37			3.6	1.1	.1																						44	44	6	
36/ 35		.4	4.0	.8																							46	48	57	5
34/ 33		1.4	9.7	1.3																							115	115	63	22
32/ 31		2.9	14.7	.6																							169	169	132	1.9
30/ 29		1.2	4.3	.4																							95	95	173	98
28/ 27		1.4	3.5	.1																							46	46	55	1.3
26/ 25		.5	2.7	.2																							32	32	32	79
24/ 23		.4	3.1	.2																							35	35	38	54
22/ 21		.6	3.2																								36	36	39	28
20/ 19		1.1	3.1																								39	39	40	32
18/ 17		.3	2.8																								29	29	29	41
16/ 15		.1	3.8																								36	36	32	34
14/ 13		1.2	1.3																								23	23	34	17
12/ 11		1.1	1.9																								26	28	26	33
10/ 9		.8	1.4																								20	22	24	30
8/ 7		1.1	1.4																								23	23	23	32
6/ 5		.6	2.2																								26	26	22	19
4/ 3		.8	1.3																								19	19	23	20
2/ 1		.9	2.3																								29	29	24	19
0/ -1		1.9	.5																								23	23	26	18
-2/ -3		.6	.2																								8	8	11	23
-4/ -5		.6	.1																								7	7	9	21
-6/ -7		.1																									1	1	1	16
-8/ -9		.8																									7	7	7	12
-10/-11		.8																									7	7	7	13
-12/-13		.4																									4	4	4	8
-14/-15		.2																									2	2	2	4
-16/-17																														1
-18/-19																														4
-20/-21																														3
-24/-25																														3
-30/-31																														1

	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs	Mean Hourly Temperature						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725350 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 2 0900-1100

WET BULB TEMPERATURE DEPRESSION °F																											TOTAL	TOTAL
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB °F	WB °F
TOTAL	22.	47.	16.	5.	8	.2																					925	925

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean Max.	Mean Min.	
Dry Bulb	6176414.	75010.	81.110	8.071	925			
Dew Point	5266.7.	21167.	22.912	4.407	925	5.9	70.8	x3
Wet Bulb	571364.	20124.	21.812	4.122	925	6.9	78.2	x3
Vapor Pressure	47.336.	16532.	17.913	6.635	925	13.8	89.3	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 MAR

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
48/ 47							.1																			1	1		
46/ 45						.1																				1	1		
44/ 43					.2	.2																				4	4		
42/ 41							.1																			1	1	1	
4 / 39			.5	.2																						7	7	3	
38/ 37			3.2	.8																						27	27	9	
36/ 35		.1	6.9	1.5																						79	80	47	5
34/ 33		2.2	12.1	1.5																						146	146	109	43
32/ 31		2.9	12.5	1.0																						152	152	157	153
30/ 29		1.1	4.8	.3																						58	58	107	119
28/ 27		1.0	3.2																							39	39	46	93
26/ 25		.9	3.9	.3																						47	47	55	84
24/ 23		.1	2.7	.2																						28	28	39	33
22/ 21		.5	2.6																							29	29	42	43
2 / 19		.9	3.3	.4																						43	43	24	36
18/ 17		.3	2.5																							26	26	40	26
16/ 15		.6	2.9	.1																						34	34	27	37
14/ 13		.8	1.9																							25	25	33	26
12/ 11		.9	2.0	.1																						28	28	25	29
10/ 9		.5	1.5																							20	20	29	26
8/ 7		.8	1.7																							23	23	25	27
6/ 5		.8	1.8																							24	24	23	26
4/ 3		.6	1.3																							18	18	21	25
2/ 1		1.2	1.3																							23	23	23	23
0/ -1		.9																								8	8	13	22
-2/ -3		.3	.4																							7	7	5	24
-4/ -5		.2	.1																							3	3	4	19
-6/ -7		.2																								2	2	3	10
-8/ -9		1.1																								10	10	10	5
-10/-11		.5																								5	5	5	12
-12/-13																													5
-14/-15																													11
-16/-17																													3
-18/-19																													4

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Monthly Temperature
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703950 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 2 1200-1400

WET BULB TEMPERATURE DEPRESSION F

| | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703950 CAPE NEWENHAM AFS AK 73-82 MAR

DB °F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL OBS	TOTAL WBS	TOTAL	
	1	1-2	3	4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
47/ 45					.2																					2	2		
44/ 43				.1	.1																					2	2		
42/ 41				.1																						1	1		
40/ 39			.2	.9	.1																					11	11	4	
38/ 37		4.0		.3																						40	40	7	
36/ 35		7.9		.4																						77	77	51	5
34/ 33	2.6	11.8		.5																						138	138	.25	34
32/ 31	3.5	11.3		.9																						145	145	147	173
30/ 29	1.6	4.6		.9																						56	56	.12	142
28/ 27	1.2	3.7		.1																						46	46	94	89
26/ 25	.6	4.0																								43	43	43	51
24/ 23	.4	2.4																								26	26	46	38
22/ 21	.2	2.4																								24	24	71	52
20/ 19	1.3	4.2																								51	51	35	32
18/ 17	.8	2.7																								32	32	50	63
16/ 15	.5	2.5																								28	28	35	47
14/ 13	.3	1.2																								14	14	20	24
12/ 11	.4	2.6																								28	28	15	21
10/ 9	1.2	2.0																								30	30	45	44
8/ 7	.9	1.5																								22	22	14	43
6/ 5	1.3	1.8																								29	29	26	47
4/ 3	.8	1.5																								21	21	27	33
2/ 1	.6	1.4																								19	19	16	29
0/ -1	1.0	.4																								13	13	14	20
-2/ -3		.2																								2	2	5	19
-4/ -5																												1	18
-6/ -7	.2																									2	2	2	11
-8/ -9	.9																									6	8	5	5
-10/-11	.4																									4	4	4	7
-12/-13	.3																									3	3	3	6
-14/-15																													6
-16/-17																													2
-18/-19																													6
-20/-21																													1

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Max	Min	Mean	Std Dev	Range
WB °F										
DB °F										
WBD °F										
Dew Point										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 2 1500-1700

WET BULB TEMPERATURE DEPRESSION F

F	0	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL OBS	TOTAL MEAN DEP F
-22/-23																					2
-24/-25																					1
TOTAL	21	0	7	4	.3	.2		.4												927	9.7
																				927	9.7

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature							
						<32 F	<32 F	<45 F	<45 F	<50 F	<50 F	<55 F	<55 F
Dry Bulb	6302730.	75846.	81.810	.240	927								
Dew Point	672155.	22541.	24.311	.574	927		3.2		65.8				x3
Wet Bulb	614092.	21460.	23.111	.255	927		3.7		74.4				93
Vap Press	506471.	18741.	19.513	.236	927		10.2		88.7				x3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73830 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 1 1611-0300

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL			
44/ 42				.1																						1	1		
41/ 39			.5	.4																						7	7	6	
38/ 37			1.8	.2																						17	17	6	2
36/ 35		.4	6.3	.6																						60	60	23	1
34/ 32	1.8	11.6	.5																							114	114	96	33
33/ 31	3.8	11.6	1.0																							134	134	103	107
30/ 29	2.7	3.6	.4																							55	55	103	65
28/ 27	2.1	4.1	.1																							52	52	61	76
26/ 25	1.2	3.2	.1																							37	37	47	58
24/ 23	.1	1.9																								17	17	27	33
22/ 21	1.5	1.3	.1																							24	24	24	35
20/ 19	2.3	4.2																								52	52	76	42
18/ 17	.6	2.4																								25	25	76	24
16/ 15	.9	2.3																								26	26	23	28
14/ 13	.5	1.7																								18	18	22	29
12/ 11	.5	1.9																								22	22	16	17
10/ 9	.5	1.6																								17	17	19	26
8/ 7	1.9	1.3																								27	27	31	18
6/ 5	1.2	1.9																								26	26	25	21
4/ 3	1.6	1.8																								26	28	26	21
2/ 1	.9	2.2																								25	25	21	23
0/ -1	1.3	.1																								12	12	24	26
-2/ -3	.5	.4																								7	7	8	26
-4/ -5	.7																									6	6	6	20
-6/ -7	.1																									1	1	1	14
-8/ -9	.6																									5	5	5	6
-10/-11	.4																									3	3	3	8
-12/-13	.5																									4	4	4	12
-14/-15	.2																									2	2	2	5
-16/-17																													7
-18/-19																													5
-20/-21																													3
TOTAL	28.7	67.8	3.4	.1																							822		822
																										822		822	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Min.	Max.	
Wet Bulb	5699135.	67925.	82.610	.249	822			
Dry Bulb	553060.	18792.	22.912	.117	822	4.5	70.5	93
Wet Bulb	506766.	17950.	21.811	.825	822	5.0	78.6	93
Dew Point	426738	15036	18.313	.593	822	13.1	89.3	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72305 CAPE NEWENHAM AFS AK 73-82 MAY

PAGE 1 2100-2300

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 MAR

	WET BULB TEMPERATURE DEPRESSION F																															TOTAL		DATA	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
48/ 47									.0																							1	1		
46/ 45						.0																										3	3		
44/ 43				.0		.1																										7	7		
42/ 41			.0	.1					.0																							6	6	1	
40/ 39			.3	.5	.0																											55	55	13	1
38/ 37			2.5	.7	.0																											229	229	46	4
36/ 35		.2	6.0	.9																												498	499	95	15
34/ 33		1.5	13.7	.8																												908	939	755	204
32/ 31		2.9	12.9	.8																												1159	1159	1209	1206
30/ 29		2.1	5.5	.5																												569	569	1001	763
28/ 27		2.0	3.8	.2																												424	425	526	768
26/ 25		.8	1.0	.1																												279	279	324	561
24/ 23		.4	2.2	.1																												189	189	276	271
22/ 21		.7	2.4	.0																												223	223	440	278
20/ 19		1.2	3.1	.1																												306	306	470	264
18/ 17		.8	2.9	.0																												262	262	291	247
16/ 15		.6	2.9	.0																												250	250	257	270
14/ 13		.7	1.4																													147	147	153	227
12/ 11		1.0	1.6	.0																												186	186	190	230
10/ 9		.9	1.5																													170	170	200	240
8/ 7		1.0	1.4																													175	175	175	161
6/ 5		.9	1.7																													185	185	193	148
4/ 3		1.3	1.3																													165	165	197	169
2/ 1		1.4	1.7																													219	219	199	147
0/ -1		1.5	.2																													127	127	166	194
-2/ -3		.7	.3																													69	69	76	160
-4/ -5		.6	.1																													48	48	54	171
-6/ -7		.4																														27	27	28	100
-8/ -9		.6																														41	41	41	77
-10/-11		.5																														33	33	33	68
-12/-13		.4																														29	29	29	63
-14/-15		.4																														28	28	26	50
-16/-17		.1																														6	6	6	47
-18/-19		.0																														1	1	1	26

Element	ΣX^2	ΣX	$\bar{X}$	σ_X	N	Obs	Max	Min	Mean	Std Dev	Skew
Dry Bulb											
Wet Bulb											
Dew Point											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 MAR

PAGE 2 ALL

F	WET BULB TEMPERATURE DEPRESSION F 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31+	TOTAL OBS	TOTAL OBS
-20/-21			2
-22/-23			12
-24/-25			11
-26/-27			3
-28/-29			3
-30/-31			1
TOTAL	25.769.5 4.7 .1 .7	7245	7242
		7242	7242

	Σx	Σx	$\bar{x}$	σ_x	No Obs	Min Max	Mean Temperature	
	452263.4	5787.0	62.2	9.743	7242			
	47935.5	162367	23.0	12.295	7245	43.2 563.5		748
	439307	154509	21.9	11.935	7242	49.2 528.3		748
	366.867	128917	18.3	13.592	7242	106.7 714.9		748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 APR

WET BULB TEMPERATURE DEPRESSION F

| | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7...3050 CAPE NEWENHAM AFS AK 73-82 AP4

	WET-BULB TEMPERATURE DEPRESSION F					TOTAL		TOTA	
44/ 43			.1			1	1		
42/ 41			.2	.1		3	3		
40/ 39			.9	.3		11	11	6	1
38/ 37		.3	3.4	.8		40	40	17	9
36/ 35		.9	7.2	2.0		89	89	47	23
34/ 33		.9	8.2	.6		85	85	98	55
32/ 31	2.4	15.2	1.0	.1		165	165	117	130
30/ 29	2.7	8.3	.7			103	103	150	72
28/ 27	3.2	5.7	.1			79	79	91	146
26/ 25	1.1	6.5				67	67	81	105
24/ 23		3.1	.1			28	28	52	43
22/ 21	.5	2.3				24	24	35	66
20/ 19	1.5	3.4				43	43	44	37
18/ 17	.2	1.0				12	12	21	29
16/ 15	.9	1.6				22	22	14	37
14/ 13	1.2	1.0				23	23	25	23
12/ 11	1.1	1.7				25	25	17	24
10/ 9	.1	1.4				13	13	21	24
8/ 7	.2	1.2				13	13	10	8
6/ 5	.2	.8				9	9	14	10
4/ 3	.8	.7				13	13	15	13
2/ 1	.6	1.1				15	15	12	16
0/ -1								3	5
-2/ -3									6
-4/ -5									3
-6/ -7									8
-8/ -9									5
-10/-11									1
TOTAL	19.1	74.9	5.9	.1			850		803
						880		880	

	624.308	73774	83.8	8.298	880		65.6	20
	709.85	23669	26.9	8.751	880			
	646704	22652	25.7	8.508	880	.3	72.8	90
	533259	10865	22.6	9.742	880	3.4	63.4	71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73062 CAPE NEWENHAM AFS AK 73-82 APR

PAGE 1 2000-0900

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
46/ 45		.1																								1	1		
44/ 43																												1	
42/ 41		.1	.2	.1																						4	4		1
40/ 39		.9	.9	.1																						12	12	5	
38/ 37	.2	6.1	.8																							63	63	20	6
36/ 35	1.2	6.5	.9																							75	75	48	23
34/ 33	1.3	8.1	.9	.1	.2																					95	95	86	53
32/ 31	3.2	14.3	.6	.2																						161	161	119	145
30/ 29	3.9	6.4	.3																							95	95	148	134
28/ 27	2.2	5.6	.3																							73	73	91	135
26/ 25	1.3	6.7	.1																							73	73	75	88
24/ 23	.7	2.5	.1																							29	29	60	49
22/ 21	.2	3.0																								29	29	31	58
20/ 19	.6	3.7																								35	35	36	41
18/ 17	.4	2.1																								23	23	28	29
16/ 15	.6	1.2																								16	16	17	43
14/ 13	.4	2.0																								22	22	16	42
12/ 11	.4	1.3																								16	16	20	65
10/ 9	.8	1.2																								18	18	14	15
8/ 7	.2	1.2																								13	13	16	12
6/ 5	.6	.4																								9	9	10	14
4/ 3	.7	.3																								9	9	9	7
2/ 1	.1	.9																								9	9	5	4
0/ -1	.7																									6	6	5	5
-2/ -3																													2
-4/ -5																													6
-6/ -7																													6
-8/ -9																													5
-10/-11																													1
-14/-15																													1
TOTAL	19.6	74.9	4.7	.6	.2																					869	869	869	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs			
	6316651.	74519.	83.8	8.892.	889			
	724972.	24162.	27.2	8.769.	889	.6	64.7	73
	666067.	23123.	26.0	8.532.	889	.5	70.8	73
	549896.	20316.	22.9	9.819	889	2.9	81.6	73

...RAL CLIMATOLOGY BRANCH
...AFGWC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7...33... CAPE NE...ENHAM AF..., AK 73-82 APR

| | WET BULB TEMPERATURE DEPRESSION F | | |

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7... CAPE ...ELNHAM AFS AK 73-82 APR

| | WET BULB TEMPERATURE DEPRESSION F | | |

...L BAL CLIMATOLOGY BRANCH
...SFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7...350 CAPE MENENHAM AFS AK 73-82 APR

| | WET BULB TEMPERATURE DEPRESSION °F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFOS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 AFOS

PAGE 1 1200-2700

WET BULB TEMPERATURE DEPRESSION °F						TOTAL			
50/ 47			.1			1	1		
46/ 45			.5			4	4		
44/ 43			.9			7	7	1	
42/ 41		.4	1.8	.3		19	19	5	
40/ 39		2.2	1.4	.3		33	33	10	1
38/ 37	.6	4.6	1.4			52	52	44	.4
36/ 35	.5	6.1	1.0			75	75	69	.8
34/ 33	2.8	10.6	.8			112	112	114	.9
32/ 31	4.2	7.9	2.2			135	135	134	1.6
30/ 29	2.8	6.1	.9			77	77	104	1.7
28/ 27	1.0	4.4	.3	.3		46	46	63	.6
26/ 25	.3	4.2	.4			36	36	46	.7
24/ 23	.5	2.4	.3			25	25	40	.7
22/ 21	1.2	1.7				22	22	32	.5
20/ 19	1.2	2.9				32	32	34	.6
18/ 17	.5	1.8				18	18	24	.1
16/ 15	.4	2.7				24	24	24	.5
14/ 13	.3	1.9				17	17	19	.3
12/ 11	.1	.9				8	8	10	.2
10/ 9	.4	.9				10	10	13	.2
8/ 7	.3	.9				9	9	11	.4
6/ 5	.3	.4				5	5	6	.1
4/ 3		.9				7	7	5	.0
2/ 1		.8				6	6	6	.0
0/ -1	.1	.1				2	2	2	.0
								1	.0
-2/ -3									.0
-4/ -5									.0
-6/ -7									.0
-8/ -9									.0
-10/-11									.0
-12/-13									.0
TOTAL	17.4	69.9	11.7	.8		761		791	7.1

	Σx^2	Σx	$\bar{x}$	σ_x	NR OBS			
[illegible]	3442553.	64763.	82.9.	9.597.	781			.2
[illegible]	708431.	22525.	28.8.	8.681.	781	.2.	55.4.	.1
[illegible]	644260.	21462.	27.5.	8.357.	781	.3.	63.3.	.1
[illegible]	5301.3.	1891.1	24.2	9.621	781	2.6	77.7	.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73.75-82 APR

	WET BULB TEMPERATURE DEPRESSION																								TOTAL	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	OBS			
48/ 43				.8																					6	6		
42/ 41			.1	.5	.3																				7	7		
40/ 39		.1	1.4	1.4																					23	23	11	
38/ 37		.8	5.1	1.0																					54	54	32	2.3
36/ 35		.1	4.2	1.0																					57	57	41	2.3
34/ 33		2.1	9.2	1.3																					96	96	86	4.5
32/ 31		5.5	15.8	1.0																					174	174	177	14.2
30/ 29		3.1	4.6	1.2																					69	69	135	7.3
28/ 27		1.7	4.6	.8																					65	65	98	9.9
26/ 25		.9	5.1	.4																					50	50	62	6.7
24/ 23		.4	2.4	.3																					24	24	76	6.9
22/ 21		.3	1.4																						13	13	21	4.2
20/ 19		.9	1.4																						18	18	16	4.8
18/ 17		.8	2.9																						29	29	20	2.9
16/ 15		1.0	2.8																						30	30	27	1.5
14/ 13		.1	2.3																						19	19	22	2.3
12/ 11			.5																						4	4	14	2.9
10/ 9		.8	1.4																						17	17	19	4.6
8/ 7			1.2																						9	9	11	9
6/ 5		.8	.3																						8	8	10	4.5
4/ 3			.6																						3	3	3	7
2/ 1			1.3																						10	10	14	4.6
0/ -1		.3	.1																						3	3	6	7
-2/ -3																											2	4
-4/ -5																												5
-6/ -7																												1
-8/ -9																												4
-10/-11																												1
-12/-13																												2
-14/-15																												1
-16/-17																												1
TOTAL		17.6	57.2	9.4	.3																				710	710	790	7.0

	552×633.	652.7	83.7	9.136	710					
	656287.	21745.	27.7	8.762.	710	.3.	62.3.			7.0
	61.349	2273.	26.6	8.523.	710	.3.	69.3			7.0
	5.7149	18335.	23.5	9.661	710	3.0	81.3			7.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71[illegible] CAPE NEWENHAM AFS AK 73-82 APR

 ALL

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
	0	1	2	3	4	5-6	7-8	9-10	11	12	13-14	15	16	17	18	19	20	21	22-23	24	25	26	27	28	29	30	31+	OBS			
48/ 47					.0																							2	2		
46/ 45			.1		.2	.1	.2																					24	24		
44/ 43			.1		.6	.2	.0																					59	59	[illegible]	1
42/ 41			.3		.9	.3	.2																					139	139	71	5
40/ 39		.0	.0	.0	1.2	.2																						243	243	115	7
38/ 37		.5	4.7	1.2	.3																							444	444	374	100
36/ 35		.8	7.1	1.5	.3																							645	645	480	246
34/ 33	1.8	11.0	1.1	1.2	.1	.2																						930	930	641	424
32/ 31	3.4	12.8	1.1	.1																								1197	1197	1071	1133
30/ 29	2.5	6.5	.9	.3																								686	686	1096	841
28/ 27	1.7	4.9	.5	.0																								492	492	596	751
26/ 25	.8	5.0	.4																									422	422	513	649
24/ 23	.4	2.1	.2																									184	184	256	369
22/ 21	.5	2.0	.0																									176	176	204	393
20/ 19	.6	2.9	.0																									260	260	243	349
18/ 17	.5	2.1																										175	175	196	283
16/ 15	.6	2.3	.0																									199	199	172	246
14/ 13	.4	1.6	.0																									151	151	175	168
12/ 11	.3	1.2	.0																									122	122	112	195
10/ 9	.5	1.2																										114	114	131	143
8/ 7	.2	1.0																										81	81	93	110
6/ 5	.2	.4																										42	42	75	91
4/ 3	.3	.5																										54	54	54	75
2/ 1	.2	.9																										80	80	67	138
/ -1	.1	.0																										11	11	27	52
-2/ -3																														[illegible]	33
-4/ -5																															42
-6/ -7																															29
-8/ -9																															25
-10/-11																															13
-12/-13																															6
-14/-15																															2
-16/-17																															1

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Wet Bulb Temperature
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71356 CAPE NEWENHAM AFS AK 73-82 APR

PAGE 2 ALL

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL	TOTAL	
F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>32	DB=WB	DB-WB	WB-DP	DB-DP
TOTAL	15.5	72.1	10.2	1.1	.1														6851			6851
																			6851			6851

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. Hours in Temperature							Total
Dry Bulb	47605235.	56745.	82.8	9.352	6851								
Dew Point	6035638.	194334.	28.4	8.739	6851		1.2	465.4					744
Wet Bulb	5482552.	185038.	27.0	8.413	6851		3.2	533.4					744
Vap Pressure	448.328	526.49	23.7	9.658	6851		21.2	637.5					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] CAPE MENENHAM AFB AK 73-82 MAY

| | WET BULB TEMPERATURE DEPRESSION F | | |

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23302 CAPE NEWENHAM AFS AK 73-82 MAY

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725300 CAPE NEWENHAM AFS AK 73-82 MAY

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725000 CAPE LEWENHAM AFS AK 73-82 MAY

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL OBS	TOTAL MEAN	TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
66/ 66												.1																1	1		
64/ 63												.2																2	2		
61/ 59					.1																							1	1		
59/ 57					.2		.3		.1																			6	6		
59/ 56					.2		.4		.1																			7	7		
54/ 53					.5		.7																					11	11	2	
52/ 51			.1	.5	.4																							10	10	4	
50/ 49			.1	1.3	2.2		.3																					36	36	7	
47/ 47			.8	1.7	1.2		.2																					36	36	22	5
46/ 45			.9	3.5	1.5		.1		.2																			57	57	33	4
44/ 43			4.5	4.4	1.7																							97	97	44	16
42/ 41	.4	6.4	6.4	1.4		.2																						137	137	113	39
40/ 39	.3	5.5	3.1	.8																								98	98	116	76
38/ 37	.9	8.3	3.1	.3																								115	115	141	124
36/ 35	2.0	7.0	1.4																									95	95	124	124
34/ 33	2.6	6.6	1.3																									96	96	127	145
32/ 31	1.6	5.5	.4																									69	69	93	164
30/ 29	.8	1.6	.1																									23	23	56	68
28/ 27	.2	1.0	.1																									12	12	11	52
26/ 25	.3	.7																										9	9	13	37
24/ 23		.1																										1	1	6	44
22/ 21		.2																										2	2	1	11
20/ 19		.5																										5	5	7	7
18/ 17																															2
16/ 15																															7
TOTAL	9.2	49.7	27.4	10.7	2.3		.4		.3																				916		916
																												916		916	

	Σx	Σx	$\bar{x}$	σ_x	N	MEDIAN		
	6.38363.	73581.	80.311	.423	916			
	1452925.	35997.	39.3. 6	.471.	916	12.3.		93
	1266319.	337.7.	36.8. 5	.296.	9.6	18.6		93
	1043851	30651	33.5	5.148	916	38.8		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 MAY

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 CAPE NEWENHAM AFS AK 73-82 MAY

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 MAY

PAGE 1 18 JUL-07 UC

	WET BULB TEMPERATURE DEPRESSION F									TOTAL			
61/ 61						.3	.2			3	3		
59/ 57				.3	.2					4	4		
57/ 55				.3	.5	.5				6	6		
54/ 53				1.4	.2					10	10		
52/ 51				.8	.2					6	6	4	
50/ 49		.3	1.8	1.1						23	23	7	
48/ 47		1.1	3.2	1.1						34	34	14	2
46/ 45		1.8	4.5	1.8						50	50	33	9
44/ 43		3.7	5.7	1.1						72	72	55	18
42/ 41	.5	5.7	5.3	.8						77	77	81	37
40/ 39	.8	7.5	4.8	.2	.2					84	84	94	59
38/ 37	.8	6.1	4.3	.5						73	73	81	77
36/ 35	1.3	5.6	1.3	.2						52	52	84	100
34/ 33	3.3	4.3	.5	.3						51	51	85	78
32/ 31	2.6	5.4	.2	.2						52	52	70	148
30/ 29		1.1	1.1							14	14	27	48
28/ 27	.2	.8	.2							7	7	13	43
26/ 25		.5								3	3	6	41
24/ 23		.6								4	4	2	6
22/ 21												4	12
20/ 19		.5								3	3	3	9
18/ 17													2
16/ 15													3
14/ 13													1
TOTAL	9.4	44.7	33.7	10.0	1.3	.5	.3	.2			627		627
										627		627	

	Σx^2	Σx	$\bar{x}$	σ_x	N Obs	Max	Min	Range	Mean
	4067148.	50314.	79.811	139.	627				
	1023862.	25308.	39.9	6.498.	627	12.3			93
	892205.	23437.	37.3	5.419.	627	15.9			93
	737743.	21239.	33.9	5.409.	627	16.7			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725300 CAPE NEWENHAM AFS AK 73.75-82 MAY

| | WET BULB TEMPERATURE DEPRESSION F | | |

...RAL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7...SSC CAPE NE...NHAM AFS AK 73-82 MAY

 ALL

	WET-BULB TEMPERATURE DEPRESSION F									TOTAL		TOTAL	
...67							.0			3	3		
...66							.0	.0	.0	4	4		
...65							.0			2	2		
...64							.0	.0		3	3		
...59				.0	.0	.1	.0	.0		12	12		
...57					.1	.2	.1			32	32		
...56				.0	.2	.4	.1			43	43	5	
54/ 53			.0	.1	.5	.2	.0			57	57	5	
...51			.0	.4	.6	.2				81	81	.9	4
...49			.1	1.1	1.3	.1				167	167	46	1
...47			.5	1.9	1.1	.2				243	243	1...6	.7
46/ 45		1.2	2.7	1.3	.1	.1				358	358	22...	41
44/ 43		2.9	4.4	.9						543	543	...8	9...
...41	.2	5.4	5.4	1.0	.2					794	794	9...	2...
40/ 39	.8	7.4	4.5	.6	.0					895	895	643	516
38/ 37	.8	8.4	2.9	.5						834	834	959	741
...35	1.5	8.2	1.4	.0						735	735	994	905
34/ 33	2.8	7.2	.9	.1						723	723	977	1730
...31	2.3	7.0	.6	.1						665	665	896	1727
30/ 29	.8	2.4	.3	.0						240	240	505	677
28/ 27	.2	1.0	.0							77	77	143	457
26/ 25	.2	.8								64	64	106	274
24/ 23		.2								14	14	...0	99
22/ 21	.0	.2								16	16	21	85
20/ 19		.5								31	31	24	63
18/ 17		.0								1	1	15	47
16/ 15													19
14/ 13													45
12/ 11													5
TOTAL	9.7	53.4	26.7	8.3	1.4	.3	.2	.0	.0		6627		6627
										6627		6627	

	Σx	Σx	x̄	σx	N Obs	Min	Max	
...HUM	44503068.	533548.	61.310	.558.	6627			
...TEMP	10094389.	255277.	38.5	6.272.	6627	124.4	.3	744
...DEW	8879592.	240376.	36.2	5.246.	6627	172.8		744
...PRES	7412835.	219981.	33.2	5.167	6627	342.3		744

...L BAL CLIMATOLOGY BRANCH
...FAFL TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...3000 CAPE NEWENHAM AFS AK 73-82 JUN

PAGE 1 3000-3200

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70350 CAPE NEWENHAM AFS AK 73-82 JAN

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL OBS	TOTAL HRS		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
59/ 56						.1	.1																					2	2		
54/ 53					.1	.3																						3	3		
52/ 51				.8	1.4	.1																						18	18		
50/ 49		.1	2.4	3.4	.1	.3																						50	50	13	1
48/ 47		.5	4.6	2.4	.5																							64	64	46	42
46/ 45		1.8	10.6	2.9	.1																							122	122	74	54
44/ 43		3.4	1..9	4.3	.5																							152	152	150	108
42/ 41		2.3	12.7	3.5																								148	148	146	130
40/ 39		3.6	5.8	1.3																								85	85	124	100
38/ 37		3.9	5.3	.6	.1																							79	79	90	121
36/ 35		3.4	2.3	.4																								46	46	76	141
34/ 33		1.9	1.0																									23	23	71	71
32/ 31		.6																										5	5	13	34
30/ 29																															11
28/ 27																															2
26/ 23																															1
TOTAL		21.2	56.3	20.2	1.9	.4																						796	796	796	796

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Min	Max	
Wet Bulb	6222165.	70017.	88.0	8.931	796			
Dry Bulb	1453530.	33842.	42.5	4.305	796		.6	
Wet Bulb	1346174.	32568.	40.9	3.890	796		1.5	
Dew Point	1231405.	31127.	39.1	4.227	796		5.4	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 JAN

DBT °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	TOTAL OBS	TOTAL OBS	TOTAL	TOTAL
55/ 53			.4	.4															6	6		
54/ 53		.1	.8	.2	.1														11	11		
52/ 51		.6	1.8	.9	.4														33	33	7	
50/ 49		2.7	2.7	1.2	.4														59	59	23	7
48/ 47	.2	5.8	5.1	1.2															104	104	52	25
46/ 45	1.8	11.2	3.4	.4															142	142	123	72
44/ 43	3.0	11.4	4.4	.1															159	159	179	112
42/ 41	1.4	12.3	1.4																128	128	251	146
40/ 39	3.3	6.5	.8																90	90	142	157
38/ 37	3.7	4.0	.4																68	68	93	158
36/ 35	2.0	2.0	.2																36	36	54	92
34/ 33	.8	.1																	8	8	20	51
32/ 31	.1																		1	1	1	22
30/ 29																						3
TOTAL	16.3	57.0	21.4	4.4	.8														845	845	845	845

	Σx^2	Σx	$\bar{x}$	σ_x	N Obs					
	6421647.	73231.	86.7	9.437	845					
	1623519.	36857.	43.6	4.340	845	.1				93
	2468119.	35321.	41.8	3.723	845	.1				63
	135.142	33616.	39.8	3.698	845	2.7				23

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3950 CAPE NEWENHAM AFS AK 73-82 JUN

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	OBS	CUM	MIN	CUM
62/ 61						.1																				1	1		
60/ 59						.1																				1	1		
58/ 57						.5																				4	4		
56/ 55					.6	.6	.5																			14	14		
54/ 53			.5	2.7	1.2	.7																				43	43	6	
52/ 51		.1	1.4	3.2	2.5	.5																				65	65	20	3
50/ 49		.2	3.5	4.9	2.3	.2																				96	96	52	16
48/ 47		.7	6.8	7.9	1.3	.1																				129	129	97	45
46/ 45	2.2	11.9	4.1																							156	156	171	91
44/ 43	.5	11.4	3.3																							129	129	144	134
42/ 41	.8	8.3	1.4																							90	90	143	164
40/ 39	2.8	5.5	.6	.1																						77	77	179	148
38/ 37	2.0	3.4	.2	.1																						49	49	44	127
36/ 35	1.1	1.1																								18	18	73	73
34/ 33	.1	.1																								2	2	6	29
32/ 31																												1	9
30/ 29																													3
28/ 25																													1
22/ 21																													1
TOTAL	10.5	53.9	24.8	8.1	2.7																						854		854

	ΣX^2	ΣX	$\bar{X}$	σ_x	N Obs	Max	Min	Mean	Std Dev	Median
Dry Bulb	6213011.	72269.	84.6	10.493	854					
Dew Point	1776384.	38738.	45.4	4.745	854					92
Wet Bulb	1632161.	36843.	43.1	3.857	854		.1			93
Dew Point	1436120.	34858.	40.8	3.950	854		1.5			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725056 CAPE NEWENHAM AFS AK 73-82 JUN

F	WET BULB TEMPERATURE DEPRESSION F																									TOTAL OBS	TOTAL OBS	TOTAL	TOTAL
	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33+										
64/ 63							.1																			1	1		
62/ 61						.1																				1	1		
60/ 59				.1	.1		.1																			3	3		
58/ 57				.5		1.5	.1																			17	17		
56/ 55			.2	.6	1.8	1.1	.2																			33	33	2	
54/ 53			.5	2.2	3.2	1.0	.1																			57	57	9	2
52/ 51			1.3	4.2	2.1	.1																				63	63	20	5
50/ 49		.2	2.8	6.2	1.7																					92	92	66	17
48/ 47		1.0	9.3	6.6	.5																					142	142	116	39
46/ 45		.4	11.4	5.4	.2																					142	142	167	64
44/ 43			9.6	2.8	.1																					103	103	157	146
42/ 41		.4	7.3	1.3	.2																					76	76	127	107
40/ 39		1.8	4.4	.9																						58	58	102	152
38/ 37		1.5	1.3																							24	24	41	96
36/ 35		.4	.7																							9	9	22	56
34/ 33																													25
32/ 31																													7
30/ 29																													1
TOTAL		5.7	49.0	33.0	8.1	1.0	.3	.8	.7																		819		819
																										819		819	

	Σx^2	Σx	$\bar{x}$	s_x	N. Obs								
	5583421.	67263.	81.910	0.637	819								
	1833265.	38221.	46.7	4.894	819								x3
	1597741.	36039.	44.0	3.813	819								x3
	1402419.	33749.	41.2	3.783	819				1.1				x3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 JUN

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL OBS	TOTAL	TOTAL	
F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
47/ 63											.1																	1	1		
62/ 61						.1	.1																					3	3		
57/ 59						.3	.4	.4																				8	8		
52/ 57					.3	.7	1.5	.3																				20	20		
48/ 55					.1	1.7	.6	.1																				18	18	1	
47/ 53			.4	2.6	1.9	.8																						42	42	9	1
42/ 51		1.3	3.1	3.9																								59	59	21	4
42/ 49		3.9	5.7	1.3																								78	78	61	10
46/ 47	.3	7.5	6.8	.6																								109	109	61	35
46/ 45	.6	12.6	5.1	.1																								133	133	150	62
44/ 43	.6	9.6	3.8																									100	100	143	112
42/ 41	.4	7.9	1.9																									74	74	127	165
4 / 39	1.8	4.2	1.3																									52	52	90	154
36/ 37	1.0	1.1																										15	15	37	92
3 / 35	.4	.7																										8	8	19	46
34/ 33																														1	22
32/ 31																															4
31/ 29																															3
TOTAL	5.0	49.2	33.7	10.6	3.6	.8	.1																					720	720		720

Elements	Σx^2	Σx	$\bar{x}$	σ_x	Nr Obs	Maximum Minimum Temperature							
						F	F	F	F	F	F	F	
Dry Bulb	4876320.	56736.	81.610	10.467.	720								92
Dew Point	1586897.	33565.	46.6. 5	15.426.	720								
Wet Bulb	1399646.	31624.	43.9. 3	13.849.	720								90
Dew Point	1224361	29573.	41.1 3	13.671	720			.9					92

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 CAPE NEWENHAM AFS AK 75-82 JUN

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

713050 CAPE NEWENHAM AFS AK 75-82 JUN

DB	WET BULB TEMPERATURE DEPRESSION F																											TOTAL OBS	TOTAL %	TOTAL OBS	TOTAL %
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>30				
60/ 57							.2																								1	1		
58/ 53						.6	1.3	.2																							11	1		
56/ 51				1.1	1.5	.6	.4																								19	1	3	
54/ 49				3.0	2.1	.7																									31	1	14	2
52/ 47			.9	7.6	3.7	1.1																									72	2	42	7
50/ 45		2.1	11	4.2	3.0																										103	3	80	15
48/ 43		1.9	15	.9	3.0	.6																									114	3	125	26
46/ 41		.6	14	.7	.6																										85	2	119	26
44/ 39		.9	5.4																												34	1	67	15
42/ 37		2.4	5.4		.6																										45	1	44	8
40/ 35		1.5	1.3																												15	1	23	4
38/ 33		.6	.4																												5	1	9	2
36/ 31		.2																													1	1	1	1
34/ 29																																	1	
TOTAL		11.0	69.0	14.9	4.5	.6																									536		536	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs			
	4094483.	46623.	87.0	8.545	536			
	1041668.	23526.	43.9	4.122	536	.2		.2
	958856.	22588.	42.1	3.593	536	.2		.2
	473273.	21539.	40.2	3.753	536	1.8		.2

...ERAL CLIMATOLOGY BRANCH
...APETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306C CAPE NEWENHAM AFS AK 73-82 JUN

| | WET BULB TEMPERATURE DEPRESSION °F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72305 CAPE MENDENHALL AFS AK 73-82 JUL

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3352 CAPE NEWENHAM AFS AK 73-82 JUL

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
F	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	OB	%	OB	%
64/ 53			.3	.1	.4																							8		9	
62/ 61				.3																								3		3	
6 / 59				.5																								5		5	
58/ 57		.1	1.0	.4																								14		14	
56/ 55		.9	1.3	.9																								28		28	
54/ 53	.1	1.3	1.4	.7																								32		32	
52/ 51	.3	6.9	3.9	.5																								107		107	
50/ 49	2.5	10.8	4.4	.1																								163		163	
48/ 47	2.5	13.8	1.9	.2																								168		168	
46/ 45	3.5	15.8	1.1	.4																								191		191	
44/ 43	3.8	8.9	.5																									121		121	
42/ 41	1.1	3.7	.2	.1																								46		46	
4 / 39	1.7	.4	.1																									21		21	
38/ 37	.7																											6		6	
36/ 35	.2																											2		2	
34/ 33																															
32/ 31																															
30/ 29																															
TOTAL	16.4	62.6	16.2	4.4	.4																							915		915	

	Σx	Σx^2	$\bar{x}$	σ_x	No Obs	Min	Max	Range
	7.91249.	812395.	86.8	8.653	915			
	2.96545.	43625.	47.7	4.263	915			33
	1940521.	42095.	46.2	3.610	915			23
	1622368.	40638.	44.5	3.652	915	.4		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 JUL

| | WET BULB TEMPERATURE DEPRESSION °F | | |

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73-82 CAPE NEWENHAM AFS AK 73-82 JUL

PAGE 1 0900-1100

DB / WB	WET BULB TEMPERATURE DEPRESSION F																									TOTAL OBS	TOTAL WBS	TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
68/ 67							.1				.1															2	2		
66/ 65						.2	.5																			7	7		
64/ 63					.1		.3	.7	.1																	7	7		
62/ 61					.1	1.0		.4	.2																	16	.5		
6 / 59					.7	1.1		.2																		16	.8	5	
58/ 57			.7	2.4	1.2		.8																			46	46	9	1
56/ 55			.9	3.6		.7	.2																			49	49	13	7
54/ 53		.2	3.4	4.2	1.6																					87	87	12	19
52/ 51		2.4	9.2	6.0		.4																				166	166	115	79
50/ 49		1.6	11.6	5.8		.7																				181	181	179	144
48/ 47		2.5	13.6	1.6																						183	183	214	190
46/ 45		3.2	9.8		.1																					119	119	199	196
44/ 43		.7	3.7																							40	40	86	197
42/ 41		1.2	.9		.1																					18	18	12	69
4 / 39																												5	41
38/ 37																													4
3 / 35																													1
TOTAL		11.4	53.8	24.7	7.2	2.5	.3	.1																			919		919
																										919		919	

| | Σx^2 | Σx | $\bar{x}$ | σ_x | No Obs | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-82 JUL

PAGE 1 1200-1400

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

713050 CAPE NEWENHAM AFS AK 73-82 BOL

PART 1 1500-1700

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 JUL

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72365 CAPE NEWENHAM AFS AK 74-82 JUL

	WET BULB TEMPERATURE DEPRESSION F																															TOTAL OBS	TOTAL OBS	TOTAL	TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
68/ 67										.1																						1	1		
66/ 65								.4		.3																						5	5		
64/ 63					.1			.6		.1																						6	6		
62/ 61					.1	.3		.1																								4	4		
60/ 59					.3	.6																										6	6	4	
58/ 57				1.0	1.3																											16	16	9	1
56/ 55			.6	2.5	.6	.7																										37	37	8	1
54/ 53		.1	1.8	3.7	1.0																											45	45	29	7
52/ 51		1.6	7.1	3.4	.4																											85	85	52	38
50/ 49		3.7	11.0	4.1	.7																											133	133	114	86
48/ 47		1.9	13.1	2.2																												117	117	157	156
46/ 45		3.1	14.4	1.3																												128	128	157	152
44/ 43		1.9	7.6	.1																												66	66	175	135
42/ 41		1.5	2.1	.3																												26	26	54	1.3
40/ 39		.7																														5	5	12	40
38/ 37																																		1	7
36/ 35																																			4
TOTAL	14.6	58.7	19.3	5.0	1.9	.6																										660	5.0		660
																																	660		6.0	

	Σx²	Σx	x̄	σx	No Obs		
	5295197.	59655.	87.7	9.539.	660		
	184.172.	13254.	48.9	4.533.	660	.1.	93
	151094.3.	31955.	47.0	3.609.	660		93
	140387.3	30846.	45.3	3.489	660		93

...L CLIMATOLOGY BRANCH
...AFLTAC
...AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73382 CAPE NEWENHAM AFS AK 73-82 JUL

PAGE 1 ALL

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
74/ 73															.0											1	1		
72/ 71															.0											1	1		
70/ 69						.0				.0		.0	.0		.0											6	6		
68/ 67								.0		.1		.1														16	15		
66/ 65					.0		.1		.3		.1		.0		.0											33	32		
64/ 63				.0		.1		.2		.5		.1			.0											63	62	1	
62/ 61						.1		.6		.7		.2														81	81	5	1
60/ 59				.1		.6		1.1		.3																120	120	23	5
58/ 57				.4		1.3		1.1		.4		.0														220	220	64	4
56/ 55		.2		1.2		2.7		1.4		.3																372	372	126	10
54/ 53		.2		3.2		4.6		1.4		.0																647	647	289	14
52/ 51		1.2		7.5		5.2		.6		.2																973	973	556	39
50/ 49		2.2		11.9		4.7		.4		.0																1299	1299	1214	405
48/ 47		1.8		13.2		1.8		.1																		1142	1142	1484	1056
46/ 45		2.5		11.8		.7		.1																		1312	1312	1415	1545
44/ 43		1.6		5.6		.1																				540	540	878	1313
42/ 41		.9		1.9		.2		.0																		201	201	567	852
40/ 39		.6		.1		.0																				63	63	111	269
38/ 37		.1																								13	13	19	84
36/ 35		.0																								2	2	5	21
34/ 33																													5
32/ 31																													2
30/ 29																													1
TOTAL	11.	15.	6.	22.	1	7.	1.	2.	1	.5		.2		.1													6757		6757
																										6757		6757	

	Σx	Σx	x̄	σx	N OBS				
	5106667.	583517.	86.410	.015	6757				
	16825348.	335636.	49.7	4.767	6757		2.9	.1	744
	15346329.	321051.	47.5	3.683	6757				744
	14140316.	308202	45.6	3.495	6757	.7			744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3350 CAPE NEWENHAM AFS AK 73-82 AUG
STATION NAME YEARS

DB °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL OBS	TOTAL WBS	TOTAL DPS	TOTAL FPS
62/ 61			.3															3	3		
60/ 59		.1	.2	.1	.2													6	6		
58/ 57	.9	.6	.2															15	15		
56/ 55	.1	2.3	2.7	.5														48	48	19	4
54/ 53	.2	6.8	4.4	1.2														108	108	46	19
52/ 51	2.3	12.7	5.9	.8														184	184	117	92
50/ 49	4.1	13.6	6.1	.5														208	208	213	145
48/ 47	4.3	12.5	2.9															166	166	236	199
46/ 45	1.2	7.6	2.1	.3														96	96	137	173
44/ 43	.5	.9	1.2	.1														23	23	66	129
42/ 41		.1																1	1	16	36
40/ 39		.1																1	1	12	37
38/ 37																				1	13
36/ 35																					9
34/ 33																					5
TOTAL	12.3	57.5	26.0	4.2	.1	.2													859		859
																		859		859	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Missing Observations Temperature >90°F	>80°F	>70°F	>60°F	>50°F	Total
Dry Bulb	2460598.	42992.	50.0	3.223	859						93
Wet Bulb	1997361.	41343.	48.1	3.062	859						93
Dew Point	1666447.	39915.	46.5	3.696	859						93

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703850 CAPE NEWENHAM AFS AK 73-82 AUG

PAGE 1 0300-0500

TEMP °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB	TOTAL WB	TOTAL DP	TOTAL °F
62/ 61				.2														2	2		
60/ 59			.1	.1	.3													5	5		
58/ 57		.9	.4	.1														13	13	3	
56/ 55		2.0	1.7	.2	.2													38	38	10	3
54/ 53	.3	6.0	3.4	.5														94	94	42	19
52/ 51	2.1	10.3	6.4	.2														175	175	101	79
50/ 49	4.0	14.4	5.9	.5														228	228	197	150
48/ 47	4.8	13.4	3.1	.1														192	192	256	209
46/ 45	2.0	9.3	2.7	.4														132	132	167	206
44/ 43	.2	2.3	1.3	.1														36	36	69	130
42/ 41			.3															3	3	36	65
40/ 39																				15	40
38/ 37																					15
36/ 35																					17
34/ 33																					4
TOTAL	13.4	58.1	25.4	2.6	.5														918		918
																		918		918	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature <32°F	<42°F	<52°F	<62°F	<72°F	Total
Rel Hum	7179501.	80793.	88.0	8.670	918						
Dry Bulb	2257394.	45426.	49.5	3.227	918						93
Wet Bulb	2093653.	43745.	47.7	3.132	918						93
Dew Point	1956568.	42200.	46.0	3.785	918						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] CAPE NENENHAM AFS AK 73-82 AUG

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>32	DB	WB	DB	WB
66/ 65					.1															1	1		
64/ 61				.3	.1	.1														5	5		
6 / 59			.3	.1	.2															6	6		
56/ 57		.2	.8	.6	.1															17	17	2	
54/ 55	.1	3.3	3.2	.8	.2															66	68	13	1
52/ 53	.3	7.5	4.5	1.2	.1															125	125	66	6
50/ 51	2.5	11.0	4.2	.5																163	163	174	16
48/ 49	3.9	17.4	4.3	.3																239	239	217	18
46/ 47	3.8	12.6	2.1	.8																174	174	149	21
44/ 45	1.7	7.7	2.0	.1																136	136	153	20
42/ 43	.1	1.1	.7																	17	17	53	11
42/ 41																						28	4
4 / 39																						4	3
36/ 37																							1
34/ 35																							
TOTAL	11.6	63.7	21.8	4.9	.9	.1															921		921
																				921		921	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature					
Dry Bulb	7219356.	81142.	88.1	8.759	921						
Wet Bulb	2332499.	46247.	50.2	3.339	921						93
Dew Point	2166579.	44521.	48.3	3.029	921						93
	2026120	43376	46.9	3.523	921						91

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 AJC

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1-2	3	4	5-6	7-8	9-10	11	12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	≥30	F	B	F	B
68/ 67						.1																					1	1		
66/ 65					.1	.3																					4	4		
64/ 63					.2	.3																					5	5		
62/ 61				.2	.5	.2																					9	9		
60/ 59		.2	1.2	1.1	.3																						26	26	4	
58/ 57		1.3	2.6	1.8																							50	50	6	2
56/ 55		7.9	5.7	1.2	.1																						100	100	45	7
54/ 53	.7	10.2	4.2	1.2																							150	150	98	56
52/ 51	3.6	13.8	2.9	.3																							190	190	177	149
50/ 49	3.2	17.4	3.5	.8																							228	228	219	178
48/ 47	2.2	8.3	1.7	.2																							114	114	197	202
46/ 45	.2	3.7	.4	.1																							41	41	136	134
44/ 43		.1																									1	1	28	56
42/ 41																													7	31
40/ 39																														15
38/ 37																														6
36/ 35																														3
TOTAL	9.8	58.7	22.5	7.6	1.4																							919		919
																											919		919	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature						
						<32 F	<32 F	<32 F	<32 F	<32 F	<32 F	Total
Dry Bulb	2475525.	47579.	51.8	3.651	919			.1				.1
Wet Bulb	2274376.	45628.	49.6	3.372	919							
Dew Point	2120486.	44036.	47.9	3.366	919							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725350 CAPE NEWENHAM AFS AK 73-82 AUG

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Wet B	TOTAL Dew P
68/ 67					.1													1	1		
66/ 65					.3													3	3		
64/ 63				.7	.5	.1	.1											13	13		
62/ 61			.4	1.2	.5	.1	.1											20	20		
60/ 59			1.0	2.3	.8													37	37	1	
58/ 57		1.3	4.5	2.6	.1	.1												79	79	20	
56/ 55		6.4	6.3	1.6	.1													133	133	53	10
54/ 53	.9	11.9	5.8	.5														176	176	162	77
52/ 51	1.7	14.3	4.5	1.2														200	200	298	156
50/ 49	2.2	11.3	2.8	.3														153	153	219	230
48/ 47	2.5	4.9	2.1															82	82	132	210
46/ 45	.2	2.3	.1															24	24	95	115
44/ 43																				20	69
42/ 41																				1	35
40/ 39																					15
38/ 37																					4
TOTAL	6.9	52.4	27.4	10.2	2.5	.3	.2												921		921
																		921		921	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature < 0 F	< 32 F	< 67 F	< 73 F	< 83 F	< 93 F	Total
Rel Hum	6693371.	78009.	84.7	9.667	921							
Dry Bulb	2593837.	48749.	52.9	3.835	921			.1				93
Wet Bulb	2350863.	46447.	50.4	3.038	921							93
Dew Point	2161469.	44513.	48.3	3.314	921							93

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723352 CAPE NEWENHAM AFS AK 73-82 AUG

PAGE 1 1500-1700

Dry Bulb °F	WET BULB TEMPERATURE DEPRESSION °F 1	2	3	4	5	6	7	8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL OBS	TOTAL WBS	TOTAL DPS	TOTAL Wet Bulb	TOTAL Dew Point
71/ 69						.1			.1																						2	2			
69/ 67								.1	.2																						3	3			
67/ 65						.2		.1	.1																						4	4			
64/ 63						.1		.3																							4	4	1		
62/ 61				.1		.8		.6																							13	13			1
60/ 59			.1	2.3	2.3		.1																								42	42	4		
58/ 57		1.4	4.8	1.9		.5		.2																							77	77	11		1
56/ 55	.2	5.1	4.7	1.3		.2																									101	101	61		.5
54/ 53	.9	12.3	6.7	1.6		.1																									190	190	137		48
52/ 51	2.5	12.6	4.7	.3																											176	176	194		174
50/ 49	2.1	11.4	3.4	.5																											152	152	218		197
48/ 47	1.6	6.9	1.3	.1																											86	86	236		252
46/ 45	1.4	1.5																													25	25	172		127
44/ 43																																	9		73
42/ 41																																			23
40/ 39																																			1
38/ 37																																			3
TOTAL	8.7	51.3	28.0	9.3	2.1	.7																										875			875
																															875		875	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs	Mean No. of Hours with Temperature < 0°F	< 32°F	< 50°F	< 73°F	< 80°F	< 93°F	Years
Rel Hum	6433603.	74529.	85.2	9.717	875							
Dry Bulb	2450224.	46178.	52.8	3.884	875			.5				93
Wet Bulb	2226174.	44054.	50.3	3.057	875							93
Dew Point	2052223.	42281.	48.3	3.237	875							93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-74,76-82 AUG

DB / WB	WET BULB TEMPERATURE DEPRESSION F. 1	2	3	4	5	6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31 +	TOTAL DB	TOTAL WB	TOTAL Wet Bulb	TOTAL Dew Point
72 / 69								.1												1	1		
68/ 67								.3												2	2		
64/ 63					.1	.1														2	2		
62/ 61			.1	.5		.1														6	6		
60/ 59			.3	1.4	.9	.1	.3													23	23	2	
58/ 57			.9	4.5	1.4															53	53	14	2
56/ 55		4.6	4.1	1.5	.1															81	81	33	8
54/ 53	.6	12.9	5.1	.5	.1															135	135	92	42
52/ 51	3.3	13.6	4.9	.3																172	172	168	136
50/ 49	2.4	14.8	4.5	.4																173	173	199	144
48/ 47	2.2	7.4	2.3	.4																96	96	149	204
46/ 45	1.0	3.8																		38	38	126	125
44/ 43																						21	72
42/ 41																						2	29
40/ 39																							16
38/ 37																							2
36/ 35																							2
TOTAL	9.6	56.4	27.2	5.5	.6	.6															782		782
																				782		782	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Number of Hours with Temperature						Mode
						<32 F	<=32 F	>=68 F	>68 F	>=77 F	>77 F	
Dry Bulb	2111423.	40536.	51.8	3.611	782			.4				53
Wet Bulb	1938777.	38865.	49.7	3.038	782							53
Dew Point	1802032.	37448.	47.9	.346	782							53

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703060 CAPE NEWENHAM AFS AK 73-82 AUG

PAGE 1 2400-2300

DB/WB	WET BULB TEMPERATURE DEPRESSION F																									TOTAL			
F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47+	DB	WB	DP	RH
69/ 67						.3																				2	7		
66/ 65					.1																					1	1		
62/ 61				.1	.1																					2	2		
60/ 59				.7	.4		.4																			11	11		
58/ 57			1.1	1.1	.4	.1																				20	20	4	
56/ 55			4.7	2.3	.8	.1																				59	59	17	5
54/ 53		.9	1.6	4.9	.7																					126	126	83	31
52/ 51		2.6	13.4	3.9	.7																					152	152	117	114
50/ 49		4.1	16.4	5.2	.1																					190	190	196	135
48/ 47		2.4	10.3	1.4																						104	104	174	176
46/ 45		.7	5.6	2.3																						63	63	98	141
44/ 43			.7	.3																						7	7	34	78
42/ 41																												14	46
40/ 39																													21
38/ 37																													21
TOTAL		13.7	62.8	22.1	3.3	.4	.7																				737		737
																										737		737	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean Number of Hours with Temperature						
						≥70 F	≥60 F	≥50 F	≥40 F	≥32 F	<32 F	Total
Rel. Hum.	5763767.	64877.	88.0	8.465.	737							
Dry Bulb	1917497.	375.1.	50.9	3.359.	737			.3				.3
Wet Bulb	1777857.	361.9.	49.0	3.224.	737							.3
Dew Point	1667230.	349.8.	47.4	3.472	737							.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72306 CAPE MENENHAM AFS AK 73-82 AUG

 ALL

DB/WB	WET BULB TEMPERATURE DEPRESSION F																									TOTAL OBS	TOTAL HRS	TOTAL HRS	TOTAL HRS
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47+				
70/ 69				.0		.0																				3	7		
68/ 67					.0	.1																				9	9		
66/ 65				.1	.1	.0																				13	13		
64/ 63				.1	.2	.0	.0																			24	24	4	
62/ 61		.0	.2	.4	.2	.0	.0																			60	67		1
60/ 59		.1	.9	.9	.3	.1																				156	156	11	
58/ 57		1.0	2.4	1.2	.1	.0																				324	324	56	5
56/ 55	.1	4.0	3.9	1.0	.1																					628	628	247	53
54/ 53	.6	9.5	4.9	.9	.1																					1104	1104	735	316
52/ 51	2.5	12.7	4.7	.5																						1412	1412	1466	1005
50/ 49	3.2	14.6	4.4	.4																						1571	1571	1578	1742
48/ 47	2.8	9.5	2.1	.2																						1014	1014	1535	1669
46/ 45	1.1	3.2	1.2	.1																						525	525	954	1221
44/ 43	.1	.6	.4	.0																						84	84	314	749
42/ 41		.1	.0																							4	4	126	269
40/ 39		.0																								1	1	31	164
38/ 37																												1	56
36/ 35																													41
34/ 33																													9
TOTAL	10.3	57.1	29.1	6.2	1.1	.3	.2																				6932		6932
																										6932		6932	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Median	Mode	Mean	Range
Dry Bulb	52083778.	632168.	86.9	9.136	6932				
Dew Point	18298994.	355216.	51.2	3.731	6932			1.3	744
Wet Bulb	16819730.	340732.	49.2	3.213	6932				744
Wet Bulb Depression	1565&375.	328487.	47.4	3.570	6932				744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72305C CAPE NEWENHAM AFS AK 73-82 SEP

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B	TOTAL W.B	TOTAL Wet B	TOTAL Dew P
58/ 57			.2															2	2		
56/ 55			.2															2	2		
54/ 53		1.7	1.2															26	26	3	
52/ 51	1.5	4.0	3.0															76	76	44	63
50/ 49	1.5	10.2	4.6	.4														150	150	73	82
48/ 47	1.1	16.7	5.5	.4														212	212	151	77
46/ 45	.2	13.0	1.9	.1														136	136	206	142
44/ 43	.6	11.2	4.3	.3														146	146	160	165
42/ 41	.2	4.7	2.7															68	68	95	136
40/ 39	.6	1.9	2.1															41	41	77	104
38/ 37		1.7	.6	.3														23	23	42	69
36/ 35		.1	.4															5	5	23	40
34/ 33			.3															3	3	11	32
32/ 31		.2																2	2	5	23
30/ 29																					15
28/ 27																					3
26/ 25																					1
24/ 23																					3
TOTAL	5.7	65.5	27.1	1.7															892		892
																		892		892	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature < 0°F	< 32°F	< 47°F	< 73°F	< 83°F	Total
Rel Hum	661386.	76532.	85.8	8.084	892						
Dry Bulb	1920579.	41245.	46.2	3.887	892		.2				.2
Wet Bulb	1762587.	39485.	44.3	4.070	892		.5				.5
Dew Point	1608898.	37620.	42.2	5.000	892		.2				.2

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] CAPE NEWENHAM AFS AK 73-82 SEP

°F	WET BULB TEMPERATURE DEPRESSION °F 1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-21	22-23	24-25	26-27	28-29	30-31	>31	TOTAL DB	TOTAL WB	TOTAL DP °C	TOTAL DP °F
59/ 57			.1														1	1		
56/ 55		.1	.1														2	2		
54/ 53	1.0	1.3															21	21		
52/ 51	1.8	3.7	1.2														60	60	78	61
50/ 49	1.3	11.1	3.5	.2													144	144	75	49
48/ 47	1.3	16.6	4.8	.5													228	228	146	92
46/ 45	.3	13.4	3.7	.1													157	157	169	134
44/ 43		10.4	2.4	.3													117	117	157	139
42/ 41		6.2	3.9														90	90	107	141
40/ 39	.9	1.8	2.4														45	45	73	111
38/ 37	.2	2.0	1.0	.1													30	30	55	72
36/ 35		.6	.7														13	13	72	44
34/ 33			.2														2	2	14	39
32/ 31		.1	.2														3	3	4	22
30/ 29																			3	11
28/ 27																				4
26/ 25																				4
24/ 23																				2
TOTAL	5.9	67.1	25.4	1.6														893		893
																	893		893	

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature °F	°F	°F	°F	°F	°F	Total
Dry Bulb	6665865.	76823.	86.0	7.989	893							
Dew Point	1885509.	40877.	45.8	4.013	893	.3						92
Wet Bulb	1736486.	39196.	43.9	4.245	893	.7						90
Vapor Pressure	158.353	7719.	41.8	5.198	893	5.3						32

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_3060 CAPE MENSHAM AFS AK 73-82 SEP

°F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL OBS	TOTAL OBS	TOTAL wet B	TOTAL wet B
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+												
56/ 55			.1	.2	.1																					4	4		
54/ 53		2.1	1.2																							32	37	5	1
52/ 51	.9	4.3	2.1																							63	63	71	25
50/ 49	1.3	11.2	4.3	.2																						153	153	76	93
48/ 47	1.3	15.6	5.3	.3																						196	196	152	86
46/ 45	.1	12.5	4.4	.2																						154	154	195	148
44/ 43	.2	9.3	4.3																							120	120	159	149
42/ 41		7.3	1.9	.2																						84	84	125	124
40/ 39	.8	2.4	1.9																							45	45	93	125
38/ 37	.2	1.3	1.6																							28	29	33	72
36/ 35		.8	.7																							13	13	7	41
34/ 33																												17	17
32/ 31		.3																								3	7	6	34
30/ 29																												1	12
28/ 27																													5
26/ 25																													3
TOTAL	4.7	66.5	27.4	1.2	.1																					893	893	893	893

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						< 0 F	< 32 F	< 45 F	< 73 F	< 91 F	Total
Rel. Hum.	6597629.	76455.	85.6.	7.625.	893						
Dry Bulb	1902674.	41060.	46.0.	4.365.	893		.3				90
Wet Bulb	1743975.	39285.	44.0.	4.201	893		.1				90
Dew Point	1589183.	37403.	41.9.	5.030	893		5.5				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] CAPE NEWENHAM AFS AK 73-82 SEP

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
F	0	1	2	3	4	5-6	7-8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	>29	OBS	%	OBS	%
61/ 59					.1	.3																						4		4	
58/ 57					.4	.1																						5		5	
56/ 55			.1	2.6	1.0																							33		33	
54/ 53		.2	2.8	2.4	.4																							53		53	1
52/ 51		.2	5.6	2.8	.6																							91		91	.2
50/ 49		.7	10.4	7.5	.8																							173		173	.6
48/ 47		.2	14.3	6.5	.2																							190		190	.4
46/ 45		.8	12.0	4.2	1.1																							162		162	.5
44/ 43		.2	5.6	3.6	.6																							89		89	.3
42/ 41		.2	3.2	1.6																								43		43	.1
40/ 39		.2	1.3	2.6																								37		37	.1
38/ 37			.1	.6	.1																							7		7	
36/ 35			.7	.4																								10		10	
34/ 33			.1																									1		1	
32/ 31																															
30/ 29																															
28/ 27																															
26/ 25																															
24/ 23																															
TOTAL		2.8	55.9	36.2	5.1																							898		898	

	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Median	Mode	Skewness	Kurtosis
Dry Bulb	6361595.	75229.	83.8	8.135	898				
Dew Point	2137939.	42617.	47.5	4.148	898				92
Wet Bulb	1843320.	40516.	45.1	4.132	898	.2			90
Dew Point	166.034	383.8	42.7	4.934	898	44.2			93

...L PAL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...0050 CAPE NEWENHAM AFS AK 73-82

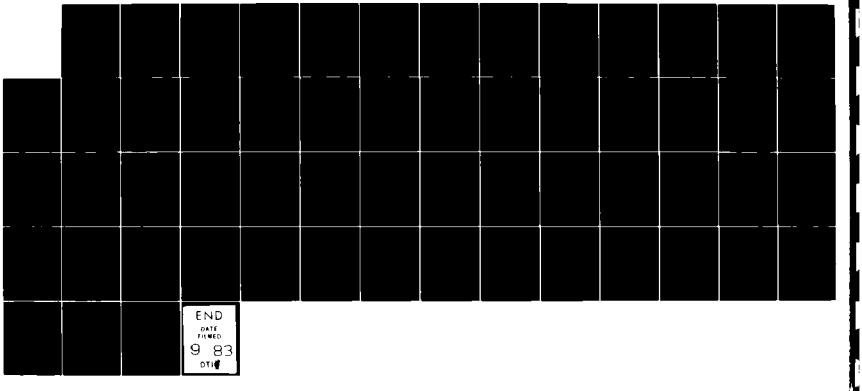
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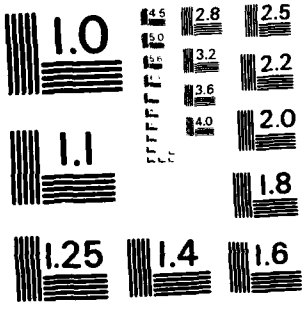
AD-A131 192 CAPE NEWENHAM AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 SEP

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	>47	OBS	%	OBS	%
62/ 61				.5	.1	.1																				6		6	
60/ 59				.5																						4		4	
58/ 57			.2	.6	.1	.2																				10		10	
56/ 55		1.3	1.8	1.3	.1																					38		38	6
54/ 53		3.2	4.2	.2	.2																					67		67	19
52/ 51	1.2	4.5	4.6	1.8																						102		102	71
50/ 49	1.2	8.2	9.5	1.6																						175		175	177
48/ 47	.7	15.0	4.3	.9	.1																					180		180	249
46/ 45	.4	13.0	4.6	.9																						135		135	428
44/ 43	.9	3.5	3.2	.7																						71		71	421
42/ 41		1.9	2.5	.1																						38		38	64
40/ 39	.1	.1	.6																							7		7	55
38/ 37		.5	.8																							11		11	13
36/ 35		.1	.7																							7		7	14
34/ 33																												7	6
32/ 31																												1	15
30/ 29																													8
28/ 27																													2
26/ 25																													1
TOTAL	4.5	48.3	37.0	9.2	.7	.4																				851		851	

	Σx^2	Σx	$\bar{x}$	σ_x	No Obs		
	5889962.	70354.	82.7	9.308.	851		
	1999142.	41096.	48.3	4.146.	851		
	179.204.	38908.	45.7	3.958.	851	.1	
	1613171.	36715.	43.1	4.748	851	2.7	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723050 CAPE NEWENHAM AFS AK 73-75,77-82 SEP

	WET BULB TEMPERATURE DEPRESSION F																							TOTAL DB WB	TOTAL WB	TOTAL WB	TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
60 / 59				.1	.4																			4	4		
58 / 57				.3	.4	.1																		9	9		
56 / 55			.3	.8	.3																			10	10	3	
54 / 53			4.0	2.9	.3																			52	52	7	1
52 / 51		1.3	3.6	9.1	1.3																			82	82	56	24
50 / 49		.8	12.3	7.5	1.3																			143	143	66	48
48 / 47		1.9	13.6	7.2	.6																			166	166	149	77
46 / 45		.4	10.2	5.1	.3																			115	115	183	102
44 / 43		.1	6.1	3.2	.8																			74	74	125	109
42 / 41		.1	1.3	2.2	.3																			28	28	93	106
40 / 39			.7	1.5																				16	16	36	91
38 / 37			1.3	1.2																				16	16	22	69
36 / 35				.7																				5	5	17	46
34 / 33																										9	24
32 / 31																										1	15
30 / 29																											6
28 / 27																											4
TOTAL		4.7	51.5	37.8	5.8	.1																			7.9		7.9
																								719		719	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs	Median	Mode	Maximum	Minimum	Temperature	Type
Dry Bulb	5024599.	59793.	83.2	8.521	719						X2
Dew Point	1642970.	34250.	47.6	3.993	719						X2
Wet Bulb	1482462.	32518.	45.2	4.051	719						X2
Vapor Pressure	1328276.	307.2	42.7	4.904	719		44.4				22

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725350 CAPE NEWENHAM AFS AK 73-82 SEP

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725030 CAPE NEWENHAM AFS AK 73-82 SEP

ALL

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 OCT

DB / WB	WET BULB TEMPERATURE DEPRESSION F 1	2	3	4	5	6	TOTAL OBS	TOTAL HRS	TOTAL HRS	
50 / 49		.9					8	8	1	
48 / 47	.4	1.9	1.1				31	31	16	9
46 / 45		2.7	1.5				38	38	17	11
44 / 43	.1	5.2	1.4	.1			62	62	44	27
42 / 41	.4	7.5	2.0				90	90	67	46
40 / 39	1.3	8.6	4.3				129	129	105	73
38 / 37	1.3	8.5	2.4	.2			110	110	119	74
36 / 35	.2	4.9	2.7				70	70	94	67
34 / 33	1.2	9.8	3.1				126	126	90	63
32 / 31	.4	6.3	1.9				78	78	125	103
30 / 29	1.7	4.3	.7				57	57	74	44
28 / 27	.4	2.4	.8				33	33	59	33
26 / 25	.6	3.1	.1				34	34	37	25
24 / 23	.2	1.2					11	11	31	19
22 / 21	.1	.6					6	6	6	43
20 / 19		.9					8	8	3	21
18 / 17	.3	.2					5	5	11	12
16 / 15		.1					1	1	2	6
14 / 13		.2	.1				3	3	1	7
12 / 11		.3					3	3	6	4
10 / 9										1
8 / 7										3
6 / 5										1
4 / 3										2
2 / 1										1
0 / -1										1
-2 / -3										1
TOTAL	3.5	69.1	22.1	.3			935	935	975	975

Element	Σx	Σx^2	$\bar{x}$	σ_x	No Obs	Max	Min	
DB	633863.	75159.	63.2	8.397	935			
WB	121657.	32653.	36.1	6.523	935	24.6		93
DP	110263.	31343.	34.3	6.418	935	36.5		93
RH	38.595	283.3	31.4	7.469	935	52.2		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72305 CAPE NEWENHAM AFS AK 73-82 OCT

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL OBS	TOTAL HRS		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
51/ 49			.1	.1																						2	2		
48/ 47		.8	2.0	1.4																						38	38	16	7
49/ 45			3.0	.9																						35	35	21	13
44/ 43		.2	4.6	1.4																						56	56	45	18
43/ 41		.2	8.0	2.0																						92	92	69	47
42/ 39		1.3	7.9	3.1																						111	111	101	69
38/ 37		1.0	8.0	2.4																						103	103	90	66
36/ 35		.7	6.6	2.1																						84	84	113	71
34/ 33		1.0	9.4	2.2																						114	114	176	79
32/ 31		1.6	7.7	1.4																						96	96	111	142
30/ 29		.9	4.6	.4																						53	53	51	107
28/ 27		.7	3.6	.3																						41	42	63	69
26/ 25		.2	2.7	.2																						28	28	34	64
24/ 23		.1	1.4	.2																						16	16	31	66
22/ 21		.3	.8																							10	10	17	44
20/ 19			1.0																							9	9	3	33
18/ 17		.2																								2	2	11	6
16/ 15		.1	.3																							4	4	1	13
14/ 13			.2																							2	2	3	5
12/ 11			.3	.1																						4	4	3	7
10/ 9																												3	7
8/ 7																													4
6/ 5																													1
4/ 3																													1
2/ 1																													1
-2/ -3																													1
TOTAL		9.3	72.1	19.6																							931		903
																										903		903	

	Σx^2	Σx	$\bar{x}$	s_x	NOBS	MINIMUM	MAXIMUM	
	635456.	75236.	83.6	8.224	903			
	1187318.	32160.	35.7	6.659	901	27.5		93
	1079967.	30611.	34.0	6.570	903	37.0		93
	920345.	28045.	31.2	7.637	903	.3 52.7		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3302 CAPE NENANA AFS AK 73-82 OCT

°F	WET BULB TEMPERATURE DEPRESSION °F																									TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18	19	20	21	22	23	24	25	26	27	28	29	30	>30	DB	%B	WetB	%B
50/ 49		.9	.1																							9	2	2	
48/ 47	.4	2.0	1.0																							21	31	19	7
46/ 45	.1	4.3	.8																							47	47	71	18
44/ 43		4.8	2.1																							63	63	51	20
42/ 41		6.6	2.1																							79	79	54	42
40/ 39	1.1	8.3	3.0	.1																						113	113	91	63
38/ 37	1.3	6.5	2.0																							89	89	109	75
36/ 35	.4	9.2	1.5																							122	122	96	100
34/ 33	.6	6.9	1.3	.1																						99	99	107	86
32/ 31	1.3	7.6	1.5																							95	95	98	127
30/ 29	1.1	3.7	.6																							49	49	78	84
28/ 27	.3	3.7	.6																							42	42	54	61
26/ 25	.1	3.2	.2																							32	32	37	46
24/ 23	.1	2.0																								19	19	43	26
22/ 21	.4	1.1																								14	14	17	23
20/ 19	.3	1.0	.1																							13	13	8	42
18/ 17	.1																									1	1	10	23
16/ 15	.3	.3																								6	6	4	11
14/ 13		.3																								3	3	3	8
12/ 11																												2	6
10/ 9		.3																								3	3		1
8/ 7																												3	4
6/ 3																													1
2/ -1																													1
TOTAL	9.1	74.8	16.8	.2																							99		99
																										99		99	

	Σx	Σx²	x̄	σx	N				
Dry Bulb	644.174	76156.	63.8	8.117	99				
Dew Point	1197774.	323.4	35.6	6.966	99		28.3		91
Wet Bulb	1086597.	308.3	34.0	6.459	99		36.5		93
Vapor Press	9375.7	241.5	11.1	7.868	99	.3	52.7		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 OCT

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 CAPE NEWENHAM AFS AK 73-82 OCT

| | WET BULB TEMPERATURE DEPRESSION °F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3050 CAPE NEWENHAM AFS AK 73-82 OCT

	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	WB		WB	
52/ 51			.4																												3	3		
50/ 49		.4		.2		.5																									9	9	0	3
48/ 47		.1	2.2		1.6																										34	34	3	6
46/ 45				3.4		1.6		.5																							45	45	35	.1
44/ 43		.2	5.5		3.3		.5																								80	80	46	.7
42/ 41		.1		6.6		3.2																									81	81	57	4.0
40/ 39		1.6	5.5		5.8																										106	106	112	5.4
38/ 37		.2		7.5		2.5		.2																							85	85	75	3.3
36/ 35		1.1	7.6		2.2																										89	89	115	6.3
34/ 33		.1		6.9		2.2																									75	75	86	4.3
32/ 31		1.1	8.3		3.4																										105	105	76	1.0
30/ 29		.2		3.1		.5		.2																							33	33	98	6.9
28/ 27		.2	4.4		.2		.1																								41	41	46	5.4
26/ 25		.1		1.1																											10	10	34	4.3
24/ 23			.9		.1																										8	8	17	3.8
22/ 21		.2		.2																											4	4	5	3.5
20/ 19		.5		.1																											5	5	6	3.2
18/ 17				.2																											2	2	2	.9
16/ 15				.1																											1	1	1	.4
14/ 13																																		1		
12/ 11																																				.1
10/ 9																																				.2
8/ 7																																				.1
6/ 5																																				.1
4/ 3																																				.2
TOTAL		6.4	6.4	7.2	7.3	3.1	1.6																									816		816	
																															816		816	

Element X	Σx^2	Σx	$\bar{x}$	s_x	No. Obs	Mean Minus 1 Standard Deviation	Mean Plus 1 Standard Deviation	
Rel. Hum.	5555795.	66929.	82.0	9.014	816			
Dry Bulb	1151937.	30243.	37.1	6.173	816	23.8		93
Wet Bulb	1033460.	28618.	35.1	6.048	816	31.5		93
Dew Point	87.5513	26065	32.0	7.094	816	48.6		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702350 CAPE NEWENHAM AFS AK 73-74,77-82 OCT

DB F / C	WET BULB TEMPERATURE DEPRESSION F 1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>32	TOTAL OBS	TOTAL WBS	TOTAL WBS	TOTAL DPS
52/ 51		.3																	2	2		
50/ 49		.1	.3	.3															5	5	2	
48/ 47	.3	1.6	.5																18	18	7	5
46/ 45	.1	3.4	1.2																35	35	16	6
44/ 43	.5	4.7	2.3																56	56	29	1
42/ 41	.4	5.0	1.9																54	54	45	38
40/ 39	1.5	8.1	3.0																93	93	61	48
38/ 37	1.3	7.7	3.4																92	92	84	62
36/ 35	1.1	7.7	1.3																75	75	80	75
34/ 33	.8	8.2	2.2																83	83	91	73
32/ 31	1.3	7.4	3.5																113	113	90	96
30/ 29	.7	3.6	.9																39	39	92	75
28/ 27	.7	4.7	.1																41	41	46	50
26/ 25		2.3																	17	17	39	73
24/ 23		1.1																	8	8	17	50
22/ 21		.8																	6	6	9	36
20/ 19	.5																		4	4	6	32
18/ 17	.1																		1	1	4	13
16/ 15																						3
14/ 13																						3
TOTAL	9.4	69.7	20.6	.3																742		742
																			742		742	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Median						
DB F	5221117.	61947.	83.5	8.435	742							
WB F	988923.	26725.	36.0	5.962	742	28.7						x3
DP F	896169.	25415.	34.3	5.884	742	37.4						93
	766136.	23304.	31.4	6.796	742	51.9						73

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3350 CAPE NEWENHAM AFS AK 73-82 OCT

DB °F	WET BULB TEMPERATURE DEPRESSION °F 1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL OBS	TOTAL OBS	TOTAL WBT	WBT
50/ 49		.9		.3															5	9	4	
48/ 47	.3	1.4	1.0																21	21	15	5
46/ 45	.3	2.3	2.8																42	42	14	.1
44/ 43	.4	4.8	1.8																55	55	32	16
42/ 41	.3	5.3	2.0																60	60	45	28
40/ 39	2.0	6.6	2.9																91	91	56	36
38/ 37	1.6	9.1	3.7																106	106	67	75
36/ 35	.8	5.7	2.5	.1															72	72	84	91
34/ 33	1.1	7.0	3.9																95	95	89	97
32/ 31	.5	9.0	2.7																96	96	97	79
30/ 29	.8	5.6	.6																55	55	74	66
28/ 27	.4	3.7	.4																35	35	56	63
26/ 25	.9	2.3																	23	23	39	78
24/ 23		1.5																	12	12	23	35
22/ 21		.8																	6	6	9	32
20/ 19	.4	.5																	7	7	7	32
18/ 17	.1																		1	1	3	12
16/ 15																						9
14/ 13																						5
12/ 11		.1																	1	1	1	1
10/ 9																						1
TOTAL	9.8	65.5	24.3	.4															789	789	789	789

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Max	Min	Mean Temperature
Rel. Hum.	5551567.	65863.	83.4	8.742	789			
Dry Bulb	1051650.	28388.	36.0	6.197	789	28.1		
Wet Bulb	953904.	27012.	34.2	6.060	789	37.6		
Dew Point	814270.	24742.	31.4	6.982	789	52.8		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73830 CAPE NEWENHAM AFS AK 73-82 OCT

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION F

| | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] CAPE NEWENHAM AFS AK 73-82 NOV

| | WET BULB TEMPERATURE DEPRESSION °F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_1050 CAPE NEWENHAM AFS AK 73-82 NOV

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.3000 CAPE NEWENHAM AFS AK 73-82 NOV

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]50 CAPE NEWENHAM AFS AK 73-82 [illegible]

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72000 CAPE NEWENHAM AFS AK 73-82 NOV

PAGE 1 1200-1400

	WET BULB TEMPERATURE DEPRESSION F																															TOTAL DB WB	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
49/ 48				.7																												6	6	3		
48/ 43		.2	1.5	.8																												22	22	6	6	
42/ 41			1.6	1.4																												28	28	14	8	
40/ 39			4.8	3.0																												68	68	76	9	
38/ 37		1.0	4.7	1.0																												59	59	[illegible]	35	
36/ 35		1.2	8.7	.8																												95	95	[illegible]	51	
34/ 33		1.1	8.2	1.4																												94	94	89	75	
32/ 31		1.4	8.1	1.7																												98	98	101	1.3	
30/ 29		2.3	7.3	2.4																												105	105	92	70	
28/ 27		.9	3.9	.6																												47	47	93	88	
26/ 25		.2	5.0	.2																												48	48	56	71	
24/ 23		1.2	2.8																													36	36	51	41	
22/ 21		1.1	2.6	.2																												35	35	79	82	
20/ 19		1.6	1.9																													31	31	35	72	
18/ 17		.5	1.9																													21	21	24	47	
16/ 15		1.3	.9																													17	17	21	46	
14/ 13			.3																													7	7	7	49	
12/ 11		.5	.8																													11	11	6	44	
10/ 9		1.4	.8																													19	19	22	10	
8/ 7		.7	.6																													13	13	15	11	
6/ 5		.7	.1																													7	7	9	17	
4/ 3		.8	.5																													11	11	13	48	
2/ 1		.2																														2	2	3	8	
0/ -1																																				9
-2/ -3																																				5
-4/ -5																																				1
TOTAL		18.1	68.5	13.4																													880		850	

	Σy²	Σx	x̄	σx	N Obs						
[illegible]	6153936.	73200.	83.2	8.599	880						
[illegible]	834525.	25921.	29.5	8.988	880		52.0				
[illegible]	757427.	24601.	28.0	8.613	880		59.9				
[illegible]	623212.	21952	24.9	9.426	880	1.5	71.1				

...RAL CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72305C CAPE NEWENHAM AFS AK 73-82 NOV

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702350 CAPE NEWENHAM AFS AK 73-75,77-82 NOV

	WET BULB TEMPERATURE DEPRESSION F																									TOTAL		TOTAL	
F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	OBS	CUM	OBS	CUM
46/ 45			.4																							3	3		
44/ 43			1.6	.3																						14	14	3	3
42/ 41			1.2	1.5																						20	20	13	
40/ 39		1.1	5.5	2.3																						65	65	77	.7
38/ 37		.8	5.1	1.0																						50	50	66	36
36/ 35		.7	7.4	.8																						65	65	98	37
34/ 33		3.7	6.0	.3																						73	73	88	77
32/ 31		2.5	8.2	1.6																						90	90	63	104
30/ 29		1.5	4.9	.4																						50	50	72	53
28/ 27		1.4	8.6																							73	73	62	49
26/ 25		1.1	4.6	.1																						44	44	74	45
24/ 23		.1	1.8	.4																						17	17	26	34
22/ 21		2.7	3.4	.1																						46	46	43	56
20/ 19		2.6	3.8																							47	47	52	68
18/ 17		1.2	1.2																							18	18	25	16
16/ 15		.4	1.9																							17	17	16	34
14/ 13			.3																							2	2	11	21
12/ 11		.4																								3	3	3	21
10/ 9		1.2	.8																							13	13	10	10
8/ 7		.3	.5																							6	6	8	7
6/ 5		.1	.5																							5	5	6	6
4/ 3		1.0																								7	7	7	9
2/ 1		.3	.1																							3	3	3	9
0/ -1		.1																								1	1	1	4
-2/ -3																													2
-4/ -5																													2
TOTAL		23.3	68.2	8.9																							732		732
																										732		772	

	Σx	Σx^2	$\bar{x}$	σ_x	No Obs			
	534693.	62229.	65.2.	8.635.	732			
	68294.	21396.	29.2.	8.666.	732	.1.	54.3.	x2
	625534.	20506.	28.2.	8.365.	732	.1.	58.6.	x2
	529308.	18442.	25.2.	9.162.	732	1.2.	69.1	x2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
DET WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] JAPC NEWENHAM AFS AK 73-82 NOV

	WET BULB TEMPERATURE DEPRESSION F					TOTAL		TOTAL	
[illegible]									
[illegible]		.1	.3	.4		6	6		
[illegible]		1.1	1.1			17	17	1	1
[illegible]		1.2	1.1			17	17	17	3
[illegible]	.4	5.9	1.1	.1		56	56	35	9
[illegible]	1.3	7.3	1.3			78	78	64	39
[illegible]	1.2	6.1	.7			59	59	73	56
[illegible]	[illegible]	4.4	.5			59	59	72	64
[illegible]	3.1	5.7	1.1	.3		98	98	67	67
[illegible]	.9	4.8	.5			47	47	52	46
[illegible]	.5	2.1				54	54	59	47
[illegible]	1.3	6.5				58	58	78	49
[illegible]	.7	2.3				22	22	46	43
[illegible]	2.6	3.2	.8			41	41	32	21
[illegible]	1.7	3.6				40	40	36	26
[illegible]	.5	1.5				15	15	29	13
[illegible]	.9	2.2				23	23	17	21
[illegible]	.5	.3				6	6	13	32
[illegible]	.5	.1				5	5	6	18
[illegible]	.4	.9				10	10	5	15
[illegible]	.3	.5				10	10	10	7
[illegible]	.5	.3				6	6	9	9
[illegible]	.4	.1				4	4	4	5
[illegible]									9
[illegible]	.4					3	3	3	4
[illegible]									4
TOTAL	21.9	68.8	8.5	.6			744		744
						744		744	

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	5403194.	63058.	84.8	6.885	744			
		695346.	21792.	29.3	8.763	744	.4	54.7	42
		637751.	23861.	48.0	8.431	744	.4	58.3	53
		534106.	14748.	25.2	7.189	744	1.2	66.8	42

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3000 CAPE NEWENHAM AFS AK 73-82 NOV

 ALL

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3050 CAPE NEWENHAM AFS AK 73-82 DEC

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31+	OBS		OBS	
44/ 43					.1																							1	1		
42/ 41				.1	.1																							2	2	1	
40/ 39			.2	1.1	.3																							15	15	5	1
38/ 37			.4	2.3	1.0																							34	34	23	7
36/ 35		1.0	5.5	.8																								66	66	45	23
34/ 33		1.4	6.5	.3																								75	75	66	42
32/ 31		1.9	5.0	1.0	.1																							72	72	83	79
30/ 29		2.1	4.6	.2																								62	62	64	72
28/ 27		1.3	5.1	.8																								64	64	65	57
26/ 25		1.3	5.1	.3																								61	61	67	42
24/ 23		.4	2.1	.1																								24	24	45	39
22/ 21		2.3	1.4	.3																								37	37	46	33
20/ 19		2.0	2.4	.3																								43	43	26	67
18/ 17		1.9	2.2																									37	37	49	43
16/ 15		.9	2.0																									26	26	32	30
14/ 13		1.0	1.0																									18	18	14	31
12/ 11		1.2	2.1																									30	30	29	29
10/ 9		2.5	2.1																									42	42	46	32
8/ 7		1.1	2.1																									29	29	31	35
6/ 5		.9	1.8																									24	24	29	23
4/ 3		1.1	2.4																									32	32	31	26
2/ 1		.7	1.9																									23	23	27	23
/ -1		2.3	.3																									24	24	25	23
-2/ -3		1.3	.2																									14	14	17	22
-4/ -5		2.0	.3																									21	21	16	25
-6/ -7		1.7																										15	15	16	16
-8/ -9		.8																										7	7	7	19
-10/-11		.6																										5	5	5	15
-12/-13																															5
-14/-15		.2																										2	2	2	13
-16/-17																															8
-18/-19																															6
-20/-21																															3
-22/-23																															3

	Σx'	Σx	x̄	σx	No Obs	Mean Wet Bulb Temperature					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725360 CAPE NEWENHAM AFS AK 73-82 DEC

PAGE 2 0600-0900

WET BULB TEMPERATURE DEPRESSION F

	0	1	2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	>30	TOTAL DB WB	TOTAL
TOTAL	34.	55.	9.7	5.7	.1																								905	905
																													905	905

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Max	Mean Min	Extreme Max	Extreme Min	Mode
Dry Bulb	538653.	18629.	20.6	13.1	905	9.0	73.2			93
Wet Bulb	496313.	17745.	19.6	12.7	905	9.5	78.9			93
Dew Point	411449	14241	15.7	14.3	905	17.1	85.7			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725350 CAPE NEWENHAM AFS AK 73-82 DEC

°F	WET BULB TEMPERATURE DEPRESSION °F																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	DP	RH
44/ 43				.1																													1	1		
42/ 39			1.2	.6																													16	16	2	
38/ 37		.7	2.3	.7																													33	33	11	4
36/ 35		.3	4.5	.7																													50	51	36	22
34/ 33		1.1	6.4	.8																													75	75	63	39
32/ 31		2.3	6.9	.8																													91	91	84	77
30/ 29		2.9	4.3	.8																													72	72	65	54
28/ 27		2.3	4.5	.6	.1																												65	65	66	69
26/ 25		1.3	3.6	.4																													49	49	42	62
24/ 23		.8	2.6	.1																													32	32	56	33
22/ 21		1.8	.8																														23	23	25	50
20/ 19		1.5	3.2	.1																													42	42	22	66
18/ 17		2.0	2.0	.2																													36	38	44	69
16/ 15		1.3	2.0																														32	30	33	67
14/ 13		.6	2.7																														23	23	17	53
12/ 11		1.4	2.3																														34	34	39	66
10/ 9		2.8	1.7																														40	40	46	26
8/ 7		1.1	2.6																														34	34	24	43
6/ 5		.7	1.5																														20	20	29	69
4/ 3		.7	2.1																														25	25	24	62
2/ 1		1.2	1.3																														23	23	28	67
0/ -1		1.7	.3																														18	18	22	66
-2/ -3		2.2	.3																														23	23	26	63
-4/ -5		1.4	.3																														16	16	13	48
-6/ -7		1.9																															17	17	24	69
-8/ -9		1.1																															10	10	10	11
-10/-11		.4																															4	4	4	17
-12/-13		.2																															2	2	2	7
-14/-15																																				3
-16/-17		.3																															3	3	3	9
-18/-19																																				3
-20/-21																																				2
-22/-23																																				3
-24/-25																																				1

Element	Σx^2	Σx	$\bar{x}$	σ_x	N	Max	Min	Mean	Std Dev
Dry Bulb									
Wet Bulb									
Dew Point									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703050 CAPE NEWENHAM AFS AK 73-82 DEC

STATION NAME

PAGE 2 0300-0500

Temp F	WET BULB TEMPERATURE DEPRESSION F 0 1 2 3 4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31+	TOTAL OBS	TOTAL
TOTAL	35.556.6 5.7 .1	939	939

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean Number of Hours with Temperature -30 F	-20 F	-10 F	0 F	10 F	20 F	30 F	Total
Rel Hum	6242766.	74748.	82.210	.466	939								
Dry Bulb	537553.	18571.	20.413	.207	910	9.5	75.0						93
Wet Bulb	493695.	17693.	19.512	.824	939	10.0	80.5						93
Dew Point	413665.	14307.	15.718	.408	939	16.7	86.8						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-3350 CAPE NEWENHAM AFS AK 73-82 DEC

PAGE 1 0600-0900

Temp F	WET BULB TEMPERATURE DEPRESSION F. 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB & WB	TOTAL WB & DP	
42/ 41			.3															3	3	
40/ 39		.4	.1															5	5	1
38/ 37	.8	2.6	.9															40	40	19	5
36/ 35	.7	5.9	.9															68	69	43	16
34/ 33	.9	4.8	.7															56	59	74	45
32/ 31	2.2	8.6	.6															101	101	93	72
30/ 29	1.2	3.2	.4															44	44	94	93
28/ 27	1.9	6.6	.3	.1														81	81	97	90
26/ 25	1.3	3.9	.9															55	55	96	77
24/ 23	1.2	2.1	.1															30	30	49	44
22/ 21	.1	.9	.2															29	29	59	58
20/ 19	1.9	2.6																41	41	28	61
18/ 17	1.2	1.9	.2															30	30	72	31
16/ 15	2.3	3.5																53	53	46	28
14/ 13	.4	1.1																14	14	76	34
12/ 11	1.2	1.7																26	26	21	36
10/ 9	2.3	2.5																44	44	46	26
8/ 7	1.5	.9																22	22	26	37
6/ 5	.9	1.3																20	20	17	30
4/ 3	.7	1.7																21	21	23	23
2/ 1	1.4	.9																21	21	24	24
0/ -1	2.1	.4																22	22	22	19
-2/ -3	2.5	.3																26	26	30	27
-4/ -5	2.3	.3																24	24	21	12
-6/ -7	1.4	.1																14	14	17	18
-8/ -9	.7																	6	6	6	14
-10/-11	.1																	1	1	1	18
-12/-13	.1																	1	1	1	12
-14/-15	.5																	5	5	5	13
-16/-17	.3																	3	3	3	3
-18/-19																					9
-20/-21																					5
-22/-23																					3
-24/-25																					1

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Max	Min	Range
Rel Hum								
Dry Bulb								
Wet Bulb								
Dew Point								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82 DEC

PAGE 2 [illegible]

WET BULB TEMPERATURE DEPRESSION F																													TOTAL OB	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	32	33	34	35	36	37	38	39	40	41	42		
24/-27																														1
TOTAL	35	58	4	5	6	1																							910	968
																													908	976

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						[illegible] F	-32 F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	Total
Re Hum	6242413.	74690.	82.3	18.425	908							
Dry Bulb	54033.	18643.	20.5	13.205	911	10.4	75.0					23
Wet Bulb	494518.	17722.	19.5	12.831	908	13.7	79.3					23
Dew Point	415396.	14300.	15.8	18.397	908	15.9	86.2					53

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72SCSS CAPE NEWENHAM AFS AK 73-82 DEC

DB	WB	WET BULB TEMPERATURE DEPRESSION F 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	TOTAL OBS	TOTAL		
49/	41	.1	1	1		
44/	39	.1 .7 .3	12	12	2	
39/	37	.7 3.1 .8	38	38	14	5
34/	35	.8 6.7 .8	75	75	46	19
34/	33	1.1 7.8 .4	67	67	54	46
29/	31	2.1 4.7 .2 .1	83	83	76	44
24/	29	2.4 3.5 .4	58	58	56	36
24/	27	1.3 6.1 .7	74	74	57	32
19/	25	1.4 3.2 .8	49	49	53	47
24/	23	1.1 1.6 .1	25	25	46	45
19/	21	1.0 2.6 .1	33	33	32	37
24/	19	2.1 3.0	46	46	39	43
14/	17	1.3 2.6	36	36	36	31
16/	15	2.1 3.3	49	49	43	42
14/	13	1.2 1.1	21	21	34	37
11/	11	.9 1.9	25	25	22	37
11/	9	1.4 3.2	42	42	45	28
6/	7	1.4 1.1	23	23	27	28
3/	5	.8 1.4	20	20	26	23
4/	3	1.2 1.7	27	27	29	28
2/	1	1.4 .3	16	16	19	26
1/	-1	1.5 1.2	25	25	15	27
-2/	-3	1.9 .2	19	19	26	18
-4/	-5	1.9 .5	22	22	17	14
-6/	-7	1.7 .1	17	17	22	11
-8/	-9	.4	4	4	4	23
-10/	-11	.2	2	2	2	11
-12/	-13	.4	4	4	4	11
-14/	-15	.4	4	4	4	9
-16/	-17					1
-18/	-19					13
-20/	-21					6
-22/	-23					2

Element	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Max	Min	Max Mon/Yr	Min Mon/Yr	Range	Mean
DB											
WB											
DP											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703DC CAPE NEWENHAM AFS AK 73-82 DEC

	WET BULB TEMPERATURE DEPRESSION F																															TOTAL DB WB	TOTAL WB
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
TOTAL	33.0	61.5	4.6	.1																												915	915
																																915	915

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No Obs	Mean Max Min Temperature							
Dry Bulb	6225083.	74869.	81.810.407.		915								
Wet Bulb	544497.	18857.	20.613.059.		915	9.9.	73.6.						93
Dew Point	50.256.	17976.	19.612.686.		915	10.0.	78.4.						93
	417672.	14513.	15.918.326.		915	15.9	85.9						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]50 CAPE NEWENHAM AFS AK 73-82 DEC

PAGE 1 1200-1400

	WET BULB TEMPERATURE DEPRESSION F																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
40/ 39		1.5	.1																									15	15		
38/ 37	.5	2.8	1.2																									42	42	24	2
36/ 35	.8	5.1	.1																									55	55	42	14
34/ 33	1.2	7.2	.5																									80	80	74	41
32/ 31	2.3	7.4	.5																									94	94	80	93
30/ 29	2.4	4.1	1.0																									58	58	84	76
28/ 27	1.2	3.9	.8	.1																								55	55	77	53
26/ 25	.9	3.6	.5																									46	46	58	46
24/ 23	.7	2.6	.3																									33	33	42	41
22/ 21	1.3	2.1	.3																									36	36	47	46
20/ 19	2.3	3.7	.2																									57	57	[illegible]	55
18/ 17	1.6	1.4	.3																									31	31	37	25
16/ 15	1.2	2.3																										32	32	34	49
14/ 13	1.2	2.8																										29	29	25	37
12/ 11	.9	2.6																										32	32	32	28
10/ 9	1.9	1.9																										34	34	39	27
8/ 7	.7	1.5																										20	20	23	38
6/ 5	.8	1.5																										21	21	25	27
4/ 3	.9	1.2																										19	19	21	25
2/ 1	.8	.3																										10	10	12	21
0/ -1	2.0	1.0																										27	27	[illegible]	22
-2/ -3	2.8	.8																										33	33	41	25
-4/ -5	1.0	.5																										14	14	13	13
-6/ -7	1.5																											14	14	19	12
-8/ -9	.9																											6	6	8	8
-10/-11	.2																											2	2	2	12
-12/-13	.4																											4	4	4	12
-14/-15	.2																											2	2	2	5
-16/-17																															5
-18/-19																															12
-20/-21																															3
-22/-25																															1
TOTAL	32.5	61.3	6.0	.1																									913		913
																												913		913	

	Σx	Σx^2	$\bar{x}$	σ_x	No Obs						
	6.36.96	74220	81.310	.738	913						
	555765	19155	61.012	.998	913	10.6	73.4				93
	5[illegible]3	18227	60.012	.615	913	10.8	78.7				93
	421.70	14652	16.014	.286	913	15.0	85.2				93

...L BAL CLIMATOLOGY BRANCH
...FAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...3000 CAPE NEWENHAM AFS AK... 73-82 DEC

| | WET BULB TEMPERATURE DEPRESSION F | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] CAPE CLEARNHAM AFS AK 73-74,77-82 DEC

| | WET BULB TEMPERATURE DEPRESSION | | |

...L CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725805 CAPE MENDENHALL AFS AK 73-82 DEC

PAGE 1 2155-2703

WET BULB TEMPERATURE DEPRESSION F				TOTAL		TOTAL	
../ 41		.3					
40/ 39	.3	1.5	.6	15	15	5	1
38/ 37	.3	3.9	.6	22	22	14	7
36/ 35	2.1	5.1	.4	51	51	54	29
34/ 33	.9	9.2	.6	45	45	35	59
32/ 31	2.2	5.2	.9	56	56	56	65
30/ 29	2.2	3.6	.4	42	42	52	36
28/ 27	1.2	5.5	.6	48	48	43	40
26/ 25	.7	9.6	.4	46	46	46	32
24/ 23	.6	2.2	.1	22	22	43	16
22/ 21	1.9	3.0	.4	36	36	29	44
20/ 19	1.6	3.4	.3	36	36	23	43
18/ 17	.9	7.8		25	25	29	22
16/ 15	.7	1.6	.1	17	17	16	21
14/ 13	1.3	1.8		21	21	19	31
12/ 11	1.3	1.8	.1	22	22	24	33
10/ 9	2.1	2.7		32	32	32	27
8/ 7	.7	2.5		22	22	24	21
6/ 5	.9	.7		11	11	16	16
4/ 3	1.2	1.3		17	17	16	25
2/ 1	.3	1.5		12	12	14	12
0/ -1	2.2			15	15	16	14
-2/ -3	2.1	.7		19	19	16	11
-4/ -5	1.8			12	12	16	10
-6/ -7	2.1	.1		15	15	14	14
-8/ -9	.7			5	5	6	10
-10/-11							3
-12/-13							6
-14/-15							6
-16/-17							12
-18/-19							5
-20/-25							1
TOTAL	32.3	1.9	5.8		675		675
				675		675	

Σ_x	Σ_x	$\bar{x}$	σ_x	N OBS			
459470.	35100.	81.711	8.157	675			
41818.	14276.	21.112	8.795	675	9.1	72.9	*3
37814.	13602.	20.212	8.425	675	9.2	77.8	*3
311343	11719	16.314	8.103	675	14.2	83.9	*3

...L CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703000 CAPE NEWENHAM AFS AK 73-82 DEC

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION F

| | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703950 CAPE NEWENHAM AFS AK 73-82 DEC

PAGE 2 ALL

DB	WET BULB TEMPERATURE DEPRESSION F																											TOTAL WB	TOTAL DB
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
-24/-25																																		3
-26/-27																																		1
-28/-29																																		1
TOTAL	34	26	20	6	5	3	1																										6601	6677
																																	6677	6677

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean Number of Hours with Temperature in						Total
Rel Hum	45394366.	545804.	81.810	0.726	6677							
Dry Bulb	3984357.	137795.	20.643	0.377	6601	80.1	592.5					744
Wet Bulb	3655869.	131217.	19.712	0.702	6677	82.3	537.8					744
Dew Point	3052316.	105688.	15.818	0.368	6677	129.4	686.3					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72350 CAPE NEWENHAM AFS AK 73-82

PAGE 1

| | WET BULB TEMPERATURE DEPRESSION F | | |

...RAL CLIMATOLOGY BRANCH
...SFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725350 CAPE NEWENHAM AFS AK 73-82 ALL

PAGE 1 ALL

WET BULB TEMPERATURE DEPRESSION F

	0	1	2	3	4	5	6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57				
1/ 0	.3	.5																																																													
3/ 2	.4	.6																																																												
1/ 0	.4	.7																																																												
1/ -1	.7	.2																																																												
-1/ -3	.6	.2																																																												
-3/ -5	.5	.1																																																												
-5/ -7	.4	.0																																																												
-7/ -9	.4																																																														
-9/-11	.3																																																													
-11/-13	.2																																																													
-13/-15	.2																																																													
-15/-17	.1																																																													
-17/-19	.0																																																													
-19/-21	.0																																																													
-21/-23																																																														
-23/-25																																																														
-25/-27																																																														
-27/-29																																																														
-29/-31																																																														
-31/-33																																																														
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-35/-37																																																														
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-41/-43																																																														
-43/-45																																																														
-45/-47																																																														
-47/-49																																																														
-49/-51																																																														
-51/-53																																																														
-53/-55																																																														
-55/-57																																																														
TOTAL	17.8	62.2	16.4	2.9	.6	.1	.0	.0	.0																																																						

79731 79732
79722 79732

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs					
Dry Bulb	558764448.	6624942.	83.110	.159.	79722					
Dew Point	113646253.	2722767.	34.114	.883.	79731	343.03419.5.	4.5.	.1		8760
Wet Bulb	100537513.	2592971.	32.514	.255.	79722	370.43862.3.				8760
Vap Press	68772338.	2349058.	29.515	.662	79722	567.58706.9				8760

AC CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE / MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATION

CAPE NEWENHAM AFS AK 73-82

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MEAN	15.7	17.8	22.9	27.2	36.8	42.6	48.2	51.2	46.4	38.1	29.7	21.5	33.1
STD DEV	14.877	15.486	12.440	8.717	5.324	4.293	4.432	3.273	3.987	6.052	9.162	13.113	14.171
OBS	778	671	782	754	727	664	859	894	925	779	693	744	9477
MEAN	21.6	17.6	22.9	28.9	38.3	42.6	47.7	49.5	45.8	35.7	29.4	22.4	33.6
STD DEV	14.437	15.386	12.961	8.751	5.270	4.305	4.263	3.227	4.013	6.659	9.431	13.217	14.131
OBS	778	671	915	883	914	796	915	918	893	901	875	911	10569
MEAN	21.7	17.4	21.6	27.2	37.3	42.6	48.7	50.2	46.2	38.6	29.4	22.5	33.8
STD DEV	14.371	15.508	12.999	8.769	5.300	4.344	4.327	3.339	4.265	6.966	9.561	13.215	14.147
OBS	777	833	917	889	917	894	921	921	893	909	881	911	10969
MEAN	21.6	17.7	22.9	28.0	39.3	43.4	48.4	51.6	47.5	39.3	30.8	23.5	34.7
STD DEV	14.611	15.822	12.427	8.616	6.471	4.745	4.538	3.651	4.148	7.055	9.503	13.559	14.199
OBS	777	839	925	894	916	894	919	919	896	927	885	911	11023
MEAN	22.7	19.2	24.4	29.6	41.5	46.7	51.7	52.9	48.4	37.1	29.5	21.1	35.4
STD DEV	15.025	15.391	12.823	8.513	6.748	4.894	4.617	3.835	4.226	6.866	8.988	12.899	15.177
OBS	777	839	929	886	915	819	920	921	895	909	868	911	10748
MEAN	21.6	19.2	24.3	29.9	41.3	46.6	51.7	52.8	48.3	37.1	29.4	21.2	35.2
STD DEV	15.077	14.911	11.574	8.465	6.093	4.826	4.622	3.684	4.146	6.173	8.941	13.043	15.299
OBS	771	836	927	864	883	726	864	875	851	816	789	798	9981
MEAN	24.7	19.3	24.9	28.8	39.9	45.5	51.4	51.8	47.6	36.8	29.2	21.7	34.8
STD DEV	13.974	14.348	12.117	8.681	6.498	4.224	4.722	3.611	3.993	5.962	8.866	12.904	14.846
OBS	694	535	822	791	827	464	676	782	719	742	732	655	8279
MEAN	24.7	20.0	25.2	27.9	36.1	43.9	48.9	50.9	46.6	36.3	29.3	21.1	34.4
STD DEV	13.256	14.245	11.969	8.732	5.662	4.122	4.533	3.359	3.974	6.197	8.763	12.795	13.945
OBS	671	569	740	743	623	536	684	737	778	789	744	673	8285
MEAN	22.7	18.5	23.7	28.4	38.5	44.6	49.7	51.2	47.1	38.2	29.9	22.0	34.1
STD DEV	14.639	15.201	12.295	8.739	6.272	4.799	4.767	3.731	4.167	6.598	9.051	13.177	14.963
OBS	6929	6132	7445	6951	6627	5761	6757	6936	6619	6278	6468	6551	79721

USAFETAC [illegible] (OLA)

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

CAPE [illegible]ENHAM AFS AK 73-80

		21.0	16.8	21.9	26.0	34.1	41.1	46.2	46.1	44.3	34.3	27.4	19.9	29.6
		14.494	15.038	12.058	8.463	4.666	3.822	3.673	3.052	4.070	6.418	8.877	12.711	14.[illegible]
		694	778	677	892	854	726	862	959	893	905	879	870	[illegible]
		20.0	16.7	21.0	25.7	34.4	42.7	46.1	47.7	43.7	34.1	27.1	19.1	31.0
		14.978	14.9	12.468	8.508	4.681	3.897	3.610	3.132	4.246	6.578	8.711	12.824	14.174
		949	831	914	884	912	790	915	918	893	902	876	876	[illegible]
		20.7	16.4	21.8	26.8	35.3	41.5	46.7	48.3	44.1	34.8	27.1	19.1	31.1
		14.673	15.271	12.613	8.532	4.946	3.723	3.467	3.029	4.201	6.459	8.821	12.1	14.[illegible]
		917	833	916	889	917	845	921	921	893	911	881	870	[illegible]
		20.9	16.7	21.8	27.4	36.8	43.1	48.2	49.5	45.1	34.4	27.6	19.[illegible]	31.[illegible]
		14.752	15.361	12.522	8.330	5.296	3.857	3.465	3.072	4.132	6.596	8.271	12.[illegible]	14.[illegible]
		919	839	925	871	916	854	919	919	894	907	885	913	[illegible]
		21.0	19.0	23.1	28.5	37.8	44.[illegible]	49.[illegible]	[illegible]	45.7	35.1	[illegible]	[illegible]	[illegible]
		14.532	14.631	11.284	8.112	5.476	3.813	3.413	3.038	4.[illegible]	6.723	8.[illegible]132	[illegible]	14.[illegible]
		928	839	928	888	915	819	922	921	[illegible]	[illegible]	88	913	[illegible]
		21.3	18.1	23.1	28.3	37.6	43.9	48.9	[illegible]	45.7	[illegible]	[illegible]	[illegible]	[illegible]
		14.623	14.398	11.255	8.048	5.385	3.849	3.412	3.057	3.958	6.[illegible]48	[illegible]7212	[illegible]	14.[illegible]
		861	846	927	861	863	72[illegible]	864	875	851	816	788	[illegible]	[illegible]
		20.[illegible]	18.4	21.8	27.5	37.3	43.4	48.1	49.7	45.2	34.3	[illegible]	[illegible]	[illegible]
		12.733	13.667	11.825	8.357	5.419	3.[illegible]76	3.503	3.036	4.[illegible]51	6.[illegible]84	8.365	12.[illegible]	[illegible]
		94	835	822	781	827	464	676	792	719	[illegible]4[illegible]	732	685	[illegible]
		20.[illegible]	19.[illegible]	22.3	28.6	38.1	42.1	47.[illegible]	49.[illegible]	44.5	34.[illegible]	[illegible]	[illegible]	[illegible]
		12.766	13.825	11.648	8.523	4.[illegible]48	3.[illegible]93	3.[illegible]09	3.[illegible]24	4.[illegible]62	6.[illegible]8[illegible]	8.[illegible]3112	[illegible]	13.[illegible]
		8[illegible]	569	74[illegible]	79[illegible]	623	536	68[illegible]	737	778	789	744	675	[illegible]
		21.6	17.4	21.9	27.[illegible]	36.2	42.5	47.5	49.2	44.8	34.4	27.5	19.[illegible]	32.[illegible]
		14.41[illegible]	14.779	11.935	8.413	5.246	3.943	3.583	3.213	4.152	6.478	8.[illegible]6312	[illegible]	14.[illegible]
		6[illegible]	6136	7[illegible]47	6851	6627	5760	6757	6932	6[illegible]19	6377	[illegible]665	6677	77722

[illegible]

[illegible] CLIMATOLOGY BRANCH
2 [illegible]
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] CAPE NEWENHAM AFS AK 73-80

	MEAN	17.7	12.3	18.5	32.6	38.2	39.3	44.5	46.5	42.2	31.4	24.4	15.7	[illegible]
-10		10.3	7317	7.771	3.433	9.744	4.795	4.362	3.681	3.696	5.303	7.489	9.6911	4.335
		[illegible]	778	879	884	854	726	862	859	892	925	879	9[illegible]	[illegible]
	MEAN	10.4	12.2	17.3	32.6	31.6	39.1	44.5	46.3	41.8	31.2	24.3	15.7	[illegible]
-9		17.3	7316	8.878	4.[illegible]55	9.742	4.934	4.227	3.65[illegible]	3.785	5.[illegible]95	7.637	9.6541	4.[illegible]
		[illegible]	881	914	88[illegible]	912	796	915	918	893	9[illegible]	876	[illegible]	[illegible]
	MEAN	10.[illegible]	12.1	18.[illegible]	32.9	32.4	39.8	45.3	46.8	41.9	31.1	24.1	15.8	[illegible]
-8		17.4	8018	6.919	4.3[illegible]5	9.819	4.919	3.89[illegible]	3.355	3.523	5.230	7.364	9.6771	4.797
		[illegible]	933	916	899	917	845	921	921	893	[illegible]	880	[illegible]	[illegible]
	MEAN	10.6	12.1	17.9	24.0	33.8	40.8	46.3	47.9	42.7	31.4	24.3	15.9	[illegible]
-7		17.2	6917	7.319	3.835	9.651	5.144	3.95[illegible]	3.258	3.356	4.934	8.014	9.6891	4.336
		[illegible]	939	925	89[illegible]	916	854	919	919	898	937	885	[illegible]	[illegible]
	MEAN	[illegible].3	13.4	19.2	24.9	34.2	41.2	46.6	48.3	43.1	31.8	24.9	16.[illegible]	[illegible]
-6		17.3	8416	6.669	3.817	9.268	5.274	3.783	3.325	3.314	4.773	7.813	9.4261	4.778
		[illegible]	[illegible]39	[illegible]26	888	915	[illegible]17	922	921	895	[illegible]9	[illegible]8[illegible]	[illegible]	[illegible]
	MEAN	18.[illegible]	13.6	19.5	24.9	34.1	41.[illegible]	46.4	48.3	43.1	32.[illegible]	[illegible]4.1	16.[illegible]	[illegible]
-5		17.8	8[illegible]16.[illegible]2	213.[illegible]36	9.227	[illegible].[illegible]42	3.671	3.173	3.237	4.748	7.[illegible]94	9.[illegible]8914	.[illegible]75	15.[illegible]71
		[illegible]1	[illegible]46	[illegible]27	861	863	72[illegible]	[illegible]74	875	851	[illegible]11	789	[illegible]97	[illegible]99[illegible]
	MEAN	17.9	14.1	18.3	24.2	33.9	41.[illegible]	46.1	47.9	42.7	31.4	25.2	15.9	[illegible]5.9
-4		14.7	5816.5741	3.593	9.621	5.409	3.337	3.299	3.346	4.934	6.796	9.1521	4.371	10.253
		[illegible]	835	822	781	827	864	[illegible]76	792	719	742	732	655	[illegible]273
	MEAN	[illegible].[illegible]3	14.7	19.2	23.5	33.1	40.2	45.3	47.4	42.2	31.4	25.2	15.3	[illegible].1
-3		14.5	1716.8641	[illegible]. 10	9.881	4.941	3.755	3.489	3.472	5.017	6.980	9.1891	4.1[illegible]3	14.6[illegible]
		[illegible]1[illegible]	569	74[illegible]	78[illegible]	[illegible]23	536	[illegible]8[illegible]	737	778	789	744	675	[illegible]25[illegible]
	MEAN	17.[illegible]	13.[illegible]	18.[illegible]	23.7	33.[illegible]	41.[illegible]3	46.6	47.4	42.5	31.[illegible]5	24.[illegible]6	15.8	[illegible]9.[illegible]
-2		16.[illegible]79	16.[illegible]547	13.[illegible]597	9.654	5.167	3.956	3.495	3.[illegible]57[illegible]	4.975	7.[illegible]33	9.4961	4.364	1[illegible].[illegible]62
		[illegible] 6[illegible]9	6136	7[illegible]42	6851	[illegible]627	576	[illegible]757	6932	[illegible]819	[illegible]877	[illegible]865	[illegible]677	73722

[illegible]SAFETAC [illegible] (JLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] CAPE NEWENHAM AFS AK 73-8[illegible] JAN
STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible] OBS
		10	20	30	40	50	60	70	80	90		
JAN	[illegible]-02	100.0	[illegible]	100.0	[illegible]9.2	98.2	94.6	81.9	59.1	25.6	[illegible]1.9	[illegible]
	[illegible]-5	100.0	[illegible]	99.7	98.7	96.8	91.2	83.5	63.3	23.4	[illegible].2	[illegible]
	[illegible]-8	100.0	[illegible]	99.9	99.3	97.4	92.5	82.2	53.9	24.5	[illegible].7	917
	[illegible]-11	100.0	[illegible]	99.9	99.3	97.7	91.7	81.[illegible]	54.1	22.3	79.7	919
	12-14	100.0	99.9	99.7	99.5	97.1	90.8	77.1	51.7	19.6	78.7	92[illegible]
	15-17	100.0	99.6	99.6	98.9	97.6	90.4	78.8	54.8	2[illegible].3	79.2	921
	18-20	100.0	100.0	100.0	100.0	99.8	96.4	85.3	60.3	26.6	82.[illegible]	64[illegible]
	21-23	100.0	[illegible]	100.0	1[illegible].0	99.7	97.5	87.5	62.9	29.2	82.7	6[illegible]9
	TOTALS	100.[illegible]	99.9	99.9	99.4	98.[illegible]	93.1	81.9	57.8	23.9	[illegible]0.5	6[illegible]85

USAFETAC FORM 0-87-5 OL A
OL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] CAPE NEWENHAM AFS AK (STATION NAME) 73-82 (PERIOD) FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible]
		10	20	30	40	50	60	70	80	90		
FEB	[illegible]	100.0	100.0	100.0	100.0	98.5	93.3	76.3	48.5	16.8	78.8	776
	03-05	100.0	100.0	100.0	99.8	98.4	94.8	79.1	52.7	16.8	79.2	831
	06-08	100.0	100.0	100.0	99.9	98.8	94.6	80.2	51.9	16.3	79.5	833
	09-11	100.0	100.0	100.0	99.8	97.9	93.9	76.2	50.5	14.1	78.9	839
	12-14	100.0	100.0	100.0	100.0	99.0	92.5	73.5	45.9	13.2	77.9	839
	15-17	100.0	100.0	100.0	100.0	99.3	94.5	76.4	45.8	16.1	78.9	830
	18-20	100.0	100.0	100.0	100.0	99.8	95.6	79.4	53.9	17.5	79.6	839
	21-23	100.0	100.0	100.0	100.0	99.5	92.8	79.8	53.6	18.8	79.6	867
TOTALS		100.0	100.0	100.0	99.9	98.9	94.0	77.5	50.1	16.2	79.0	9130

USAFETAC FORM 0-87-5 OL A

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...00 CAPE NEWENHAM AFS AK 73-82 ...
STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	
		10	20	30	40	50	60	70	80	90		
MAR	...-02	100.0	100.0	100.0	99.9	99.9	98.7	90.5	67.2	23.0	80.3	.7
	03-05	100.0	100.0	100.0	100.0	99.9	97.2	87.6	64.1	19.5	80.0	.14
	06-08	100.0	100.0	100.0	100.0	99.9	96.9	87.8	61.1	17.8	81.9	.15
	09-11	100.0	100.0	100.0	99.9	99.6	97.0	84.2	59.1	17.9	81.1	.25
	12-14	100.0	100.0	99.9	99.7	99.1	95.7	83.6	59.1	21.0	80.4	.23
	15-17	100.0	100.0	100.0	99.7	99.1	95.8	85.8	62.4	21.3	81.6	.27
	18-20	100.0	100.0	100.0	99.9	99.1	97.9	85.3	65.8	25.2	82.0	.22
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	91.5	69.9	29.7	84.8	.14
TOTALS		100.0	100.0	100.0	99.9	99.6	97.4	87.1	63.6	21.5	81.3	.19

USAFETAC FORM 0-8-75 (OL A)

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

RELATIVE HUMIDITY

... CAPE NEWENHAM AFS AK ... 77-82 ... APR
STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	... OF OBS.
		10	20	30	40	50	60	70	80	90		
APR	02-05	100.0	100.0	100.0	100.0	100.0	98.6	91.7	67.1	25.2	83.5	381
	05-08	100.0	100.0	100.0	100.0	100.0	99.0	92.6	72.6	23.8	83.8	378
	08-11	100.0	100.0	100.0	99.8	99.4	98.5	92.9	71.3	22.7	83.5	389
	11-14	100.0	100.0	100.0	99.9	99.2	97.0	87.2	65.2	21.9	82.3	389
	14-17	100.0	100.0	100.0	100.0	99.5	97.1	83.4	56.8	18.2	81.1	386
	17-20	100.0	100.0	100.0	100.0	99.5	97.0	85.5	62.7	19.6	81.9	381
	20-23	100.0	100.0	100.0	100.0	99.7	98.0	90.3	63.4	24.7	82.9	791
	23-02	100.0	100.0	100.0	100.0	99.9	98.5	91.5	66.8	28.7	83.7	787
TOTALS		100.0	100.0	100.0	100.0	99.7	98.0	89.4	65.0	23.1	82.8	6651

USAFETAC FORM 0-8745 OL A

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION CAPE NEWENHAM AFS AK — STATION NAME — PERIOD 73-82 — MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10	20	30	40	50	60	70	80	90		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	99.1	89.5	65.2	22.8	[illegible]	[illegible]
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	91.1	65.8	24.6	83.4	91
	06-08	100.0	100.0	100.0	100.0	99.8	96.7	86.4	63.2	25.4	82.9	917
	09-11	100.0	100.0	100.0	99.5	99.2	95.2	78.2	55.9	21.2	80.3	918
	12-14	100.0	100.0	100.0	99.8	98.8	93.4	75.	48.6	16.2	76.6	91
	15-17	100.0	100.0	100.0	99.7	99.2	93.7	76.7	50.5	18.5	78.4	868
	18-20	100.0	100.0	100.0	99.7	98.9	95.5	76.7	53.9	19.7	79.8	877
	21-23	100.0	100.0	100.0	100.0	99.2	97.6	87.2	62.6	23.3	82.9	823
	TOTALS	100.0	100.0	100.0	99.9	99.4	96.5	82.6	57.8	21.3	81.3	7677

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...CODE CAPE NEWENHAM AFS AK 73-82 JUN
STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10	20	30	40	50	60	70	80	90		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.9	96.0	77.7	45.3	87.7	726
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	96.5	77.8	45.2	88.0	720
	06-08	100.0	100.0	100.0	100.0	100.0	98.8	93.9	74.7	42.9	86.7	648
	09-11	100.0	100.0	100.0	100.0	99.9	97.1	88.8	66.2	35.8	84.6	634
	12-14	100.0	100.0	100.0	100.0	99.6	96.5	84.2	56.5	23.7	81.9	619
	15-17	100.0	100.0	100.0	100.0	99.6	96.4	84.3	55.6	23.1	81.9	721
	18-20	100.0	100.0	100.0	100.0	100.0	98.3	91.2	70.3	31.3	84.0	684
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	94.6	80.4	41.4	87.0	836
		100.0	100.0	100.0	100.0	99.9	96.3	91.1	69.9	35.9	85.3	5761

...AFETAC ...FORM ...PREVIOUS EDITION OF A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] CAPE NEWENHAM AFS AK 73-82 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10	20	30	40	50	60	70	80	90		
JUL	[illegible]-02	100.0	100.0	100.0	100.0	100.0	99.1	94.7	79.6	51.9	88.2	[illegible]
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	95.8	82.5	50.9	88.6	915
	06-08	100.0	100.0	100.0	99.9	99.8	99.2	95.5	81.9	47.7	88.3	921
	09-11	100.0	100.0	100.0	100.0	99.9	98.3	92.1	71.6	41.1	86.3	919
	12-14	100.0	100.0	100.0	100.0	99.6	96.4	87.8	61.1	28.6	83.2	92
	15-17	100.0	100.0	100.0	100.0	99.2	95.9	84.3	60.6	29.4	82.6	884
	18-20	100.0	100.0	100.0	99.7	99.7	97.6	90.1	74.6	41.2	85.8	876
	21-23	100.0	100.0	100.0	100.0	99.9	98.4	94.9	78.1	46.3	87.7	68
	TOTALS	100.0	100.0	100.0	100.0	99.7	98.0	92.0	73.8	42.0	86.4	6757

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7...0... CAPE NEWENHAM AFS AK 73-8 AUG
STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10	20	30	40	50	60	70	80	90		
AUG	..-02	100.0	100.0	100.0	100.0	99.6	99.7	96.4	76.9	43.7	87.6	659
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	96.8	76.3	46.5	88.2	913
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	95.7	78.6	48.3	88.1	921
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	93.8	75.6	41.8	86.9	919
	12-14	100.0	100.0	100.0	100.0	99.7	98.8	90.9	67.2	31.8	84.7	921
	15-17	100.0	100.0	100.0	100.0	99.8	98.4	91.3	69.1	32.9	85.1	875
	18-20	100.0	100.0	100.0	100.0	99.7	98.8	94.6	74.3	39.8	86.6	791
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	97.2	79.4	46.5	88.0	737
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.2	94.6	74.7	41.4	86.9	6932

USAFETAC FORM 0-87-5 OL A

...AL CLIMATOLOGY BRANCH
...FLTAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...CAPE NEWENHAM AFS AK (STATION NAME) — 73-82 (PERIOD) — SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.4	96.4	73.5	33.1	85.8	87[illegible]
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	95.7	74.2	36.3	86.[illegible]	89[illegible]
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	96.2	72.2	29.9	85.6	89[illegible]
	09-11	100.0	100.0	100.0	100.0	100.0	99.4	92.4	64.[illegible]	23.1	83.8	898
	12-14	100.0	100.0	100.0	100.0	99.7	98.5	87.5	58.1	18.7	82.3	898
	15-17	100.0	100.0	100.0	100.0	99.9	98.7	87.8	58.[illegible]	20.4	82.7	89[illegible]
	18-20	100.0	100.0	100.0	100.0	100.0	99.6	90.3	60.1	22.3	83.2	71[illegible]
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	91.9	67.2	26.1	84.5	778
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	92.3	65.9	26.2	84.2	6819

USAFETAC FORM 0-8[illegible] (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7[illegible] CAPE NEWENHAM AFS AK — 73-82 — OCT

STATION NAME — PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible]
		10	20	30	40	50	60	70	80	90		
OCT	[illegible]	100.0	[illegible]	[illegible]	[illegible]	99.9	99.3	93.4	63.4	22.4	[illegible]	[illegible]
	03-05	100.0	100.0	100.0	100.0	99.9	99.3	94.6	65.8	22.9	83.6	[illegible]
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	93.7	69.2	23.7	83.8	[illegible]
	09-11	100.0	100.0	100.0	99.8	99.6	98.7	93.4	62.6	22.3	82.7	[illegible]
	12-14	100.0	100.0	100.0	99.9	99.6	97.9	86.9	57.1	17.3	81.3	[illegible]
	15-17	100.0	100.0	100.0	99.9	99.5	99.1	98.9	58.1	2 .8	82.[illegible]	[illegible]16
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	92.6	64.4	24.8	83.[illegible]	740
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	93.8	61.9	25.6	83.4	79[illegible]
	TOTALS	100.0	100.0	100.0	100.0	99.8	99.1	91.8	62.8	22.5	82.9	6877

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

RELATIVE HUMIDITY

... CAPE NEWENHAM AFS AK — STATION NAME — 73-8... — PERIOD — NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
NOV	00-02	100.0	100.0	100.0	100.0	99.9	98.9	92.5	68.4	27.2	84.1	479
	03-05	100.0	100.0	100.0	100.0	99.9	99.1	92.7	65.2	25.5	83.8	676
	06-08	100.0	100.0	100.0	100.0	99.9	99.4	93.6	70.3	23.6	84.	581
	09-11	100.0	100.0	100.0	99.9	99.8	99.5	94.8	66.9	19.8	83.3	85
	12-14	100.0	100.0	100.0	100.0	100.0	99.2	91.5	66.9	23.7	83.2	48
	15-17	100.0	100.0	100.0	100.0	100.0	99.4	91.6	68.9	25.3	84.2	789
	18-20	100.0	100.0	100.0	100.0	100.0	99.6	93.3	71.4	29.9	85.0	730
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	93.3	70.8	29.3	84.5	744
TOTALS		100.0	100.0	100.0	100.0	99.9	99.3	92.9	68.6	25.8	84.0	5665

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 [illegible] CAPE NEWENHAM AFS AK 73-82 DEC
PLANTER STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	
		10	20	30	40	50	60	70	80	90		
DEC	00-02	100.0	100.0	100.0	99.8	98.9	94.8	85.3	58.7	23.4	81.8	677
	03-05	100.0	100.0	99.9	99.9	99.0	96.5	87.1	59.1	24.4	82.2	677
	06-08	100.0	100.0	100.0	99.6	98.7	96.3	87.2	63.1	24.3	82.3	677
	09-11	100.0	100.0	100.0	100.0	98.9	96.2	85.7	60.3	23.7	81.6	677
	12-14	100.0	100.0	100.0	100.0	98.4	96.2	83.6	58.9	23.3	81.3	677
	15-17	100.0	100.0	100.0	100.0	98.7	96.2	84.4	58.3	22.1	81.3	677
	18-20	100.0	100.0	100.0	100.0	98.6	95.9	84.7	60.0	25.0	81.7	676
	21-23	100.0	100.0	100.0	99.6	98.8	95.1	84.1	61.3	24.1	81.7	675
TOTALS		100.0	100.0	100.0	99.9	98.7	95.9	85.3	60.0	23.9	81.7	8077

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 [illegible] CAPE NEWENHAM AFS AK — 73-82 — ALL
STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible]
		10	20	30	40	50	60	70	80	90		
JAN	ALL	100.0	99.9	99.9	99.4	98.2	93.1	81.9	57.8	23.9	80.0	6585
FEB		100.0	100.0	100.0	99.9	98.9	94.0	77.6	50.1	16.2	79.	613
MAR		100.0	100.0	100.0	99.9	99.6	97.4	87.0	63.6	21.6	82.3	[illegible]
APR		100.0	100.0	100.0	100.0	99.7	98.0	89.4	65.2	23.1	82.3	6651
MAY		100.0	100.0	100.0	99.9	99.4	96.5	82.6	57.8	21.3	81.3	4627
JUN		100.0	100.0	100.0	100.0	99.9	98.3	91.1	69.9	35.9	85.3	576
JUL		100.0	100.0	100.0	100.0	99.7	98.0	92.0	73.8	42.7	86.4	6757
AUG		100.0	100.0	100.0	100.0	99.9	99.2	94.6	74.7	41.1	86.9	6932
SEP		100.0	100.0	100.0	100.0	100.0	99.4	92.3	65.9	26.2	84.2	6819
OCT		100.0	100.0	100.0	100.0	99.8	99.1	91.8	62.8	22.5	82.9	5677
NOV		100.0	100.0	100.0	100.0	99.9	99.3	92.9	68.6	25.8	84.	5665
DEC		100.0	100.0	100.0	99.9	98.7	95.9	85.3	60.0	23.8	81.7	5677
TOTALS		100.0	100.0	100.0	99.9	99.5	97.5	88.2	64.2	27.0	83.1	73722

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

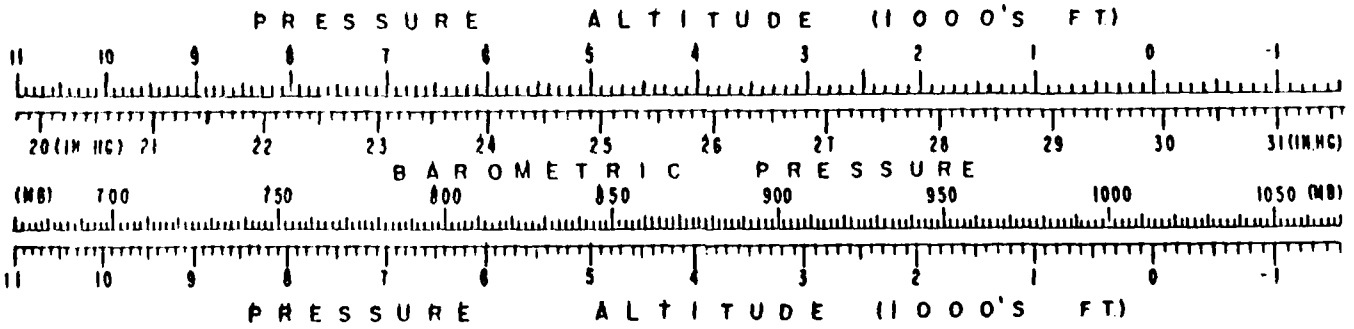
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATION

...CAPE NEWENHAM AFS AK 73-82

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MEAN	29.03029	29.02629	29.02429	29.01429	29.01429	29.02929	29.03129	29.02729	29.01429	29.00428	29.00228	29.00228	29.018
STD DEV	.465	.448	.361	.340	.276	.242	.194	.242	.319	.379	.407	.465	.378
OBS	279	272	294	286	304	294	307	307	298	302	293	310	3514
MEAN	29.00329	29.01429	29.01329	29.01329	29.01329	29.02529	29.03029	29.02229	29.00728	28.99528	28.99528	28.99128	29.018
STD DEV	.465	.460	.358	.339	.273	.239	.193	.247	.321	.377	.407	.467	.378
OBS	281	267	296	280	302	279	304	304	297	297	293	310	3510
MEAN	29.00129	29.01929	29.02029	29.01429	29.01429	29.02629	29.03129	29.02629	29.01428	28.99628	28.99528	28.99428	29.018
STD DEV	.465	.449	.358	.339	.275	.236	.195	.248	.316	.377	.405	.467	.378
OBS	283	271	299	287	306	285	307	307	298	303	294	314	3561
MEAN	29.03829	29.03929	29.02929	29.01829	29.01529	29.03429	29.03229	29.02729	29.01328	28.99728	28.99728	29.00128	29.022
STD DEV	.455	.448	.356	.340	.277	.234	.195	.251	.317	.376	.404	.465	.376
OBS	287	277	302	298	305	286	307	307	299	303	295	314	3608
MEAN	29.04229	29.04229	29.02729	29.01729	29.01529	29.03429	29.03429	29.02729	29.01328	28.99728	28.99628	29.00328	29.022
STD DEV	.457	.448	.355	.340	.278	.235	.194	.248	.314	.373	.404	.463	.375
OBS	301	278	324	289	305	264	307	307	298	303	293	312	3584
MEAN	29.03129	29.03629	29.01429	29.01229	29.01129	29.02629	29.03529	29.02629	29.01328	28.99428	28.99328	28.99428	29.019
STD DEV	.466	.457	.355	.338	.271	.241	.194	.246	.312	.382	.415	.466	.378
OBS	274	262	303	277	279	233	288	292	284	265	257	262	3272
MEAN	29.06729	29.02429	29.00529	29.01529	29.01129	29.02729	29.03629	29.02429	29.01228	28.99428	28.99728	29.00528	29.020
STD DEV	.465	.456	.360	.335	.269	.258	.203	.237	.313	.387	.418	.463	.377
OBS	230	197	261	252	209	154	223	260	241	246	240	270	2693
MEAN	29.05329	29.03129	29.02129	29.01529	29.01629	29.03629	29.03229	29.02629	29.01028	28.99528	28.99629	29.00328	29.021
STD DEV	.455	.452	.367	.341	.269	.242	.203	.239	.317	.378	.417	.463	.377
OBS	227	194	246	257	247	228	266	277	297	295	266	259	3159
MEAN	29.04929	29.02829	29.02029	29.01429	29.01329	29.03129	29.03129	29.02629	29.01128	28.99428	28.99328	28.99528	29.020
STD DEV	.465	.460	.358	.339	.274	.239	.196	.245	.314	.376	.409	.464	.376
TOTAL OBS	2212	2016	2305	2216	2257	1979	2309	2351	2311	2314	2228	2223	26721

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-87

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	1036.31	1034.11	1033.91	1027.81	1017.51	1012.61	1013.41	1011.71	1006.31	1021.61	1031.81	1031.41	1027.41
STD DEV	16.971	15.529	12.586	11.827	9.545	8.381	6.662	8.366	11.371	13.14	14.595	16.193	12.977
NO OBS	294	270	294	286	305	294	307	307	298	310	293	301	3515
MEAN	1036.21	1033.71	1031.61	1027.51	1017.21	1012.71	1012.91	1011.41	1005.81	1021.61	1031.71	1031.41	1027.31
STD DEV	16.441	15.598	12.623	11.759	9.462	8.296	6.681	8.571	11.761	13.761	14.101	16.288	12.955
NO OBS	301	267	294	282	302	275	304	302	297	287	293	309	3511
MEAN	1036.81	1033.81	1031.71	1027.81	1017.61	1012.91	1013.21	1011.51	1006.31	1021.61	1031.71	1031.51	1027.51
STD DEV	16.771	15.613	12.495	11.789	9.517	8.185	6.712	8.595	11.181	13.621	14.018	16.248	12.971
NO OBS	310	271	298	287	306	285	307	307	298	303	294	311	3596
MEAN	1036.81	1034.51	1032.11	1028.01	1017.81	1013.31	1013.51	1011.81	1006.31	1021.91	1032.11	1032.11	1028.11
STD DEV	16.837	15.589	12.594	11.801	9.555	8.141	6.731	8.621	10.962	13.735	13.978	16.191	12.934
NO OBS	307	277	301	288	305	286	307	307	299	303	295	304	3579
MEAN	1032.61	1031.31	1029.91	1025.81	1017.91	1013.31	1013.51	1011.71	1006.21	1021.61	1031.71	1031.81	1027.61
STD DEV	16.663	15.557	12.396	11.861	9.596	8.170	6.692	8.651	10.663	12.939	13.981	16.126	12.966
NO OBS	305	278	304	289	305	264	306	307	298	313	293	304	3552
MEAN	1030.11	1028.41	1026.51	1027.61	1017.61	1012.91	1013.21	1011.51	1006.51	1021.91	1032.21	1032.41	1027.41
STD DEV	16.271	15.878	12.411	11.743	9.395	8.344	6.672	8.541	10.470	13.241	14.375	16.044	12.930
NO OBS	279	262	303	277	279	233	287	292	284	269	257	281	3607
MEAN	1031.61	1029.31	1027.31	1028.11	1017.61	1012.81	1013.31	1011.51	1006.81	1020.91	1031.91	1032.21	1027.21
STD DEV	16.136	15.864	12.675	11.742	9.349	8.952	7.021	8.214	10.734	13.433	14.466	16.327	13.072
NO OBS	204	197	261	252	209	154	223	260	240	246	240	276	2688
MEAN	1031.41	1029.21	1027.81	1028.41	1018.21	1013.11	1013.41	1011.51	1006.11	1021.21	1031.61	1032.21	1027.31
STD DEV	15.811	15.737	12.754	11.866	9.337	8.424	7.012	8.244	10.981	13.137	14.411	16.090	13.030
NO OBS	227	194	246	257	247	226	266	277	297	295	266	286	3056
MEAN	1036.71	1034.11	1032.71	1027.91	1017.61	1012.91	1013.31	1011.61	1006.21	1021.41	1031.81	1032.01	1027.31
STD DEV	16.921	15.633	12.493	11.774	9.472	8.312	6.754	8.458	10.688	13.106	14.146	16.147	12.956
NO OBS	2214	2016	2301	2216	2258	1979	2307	2359	2311	2314	2228	2329	26774

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